

Easergy MiCOM P343

Generator Protection Relay

P343/EN ADL/Rf7

Software Version B5
Hardware Suffix M
IEC61850 Edition 2
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Address Assignment List (ADL)

Note

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ADDRESS ASSIGNMENT LIST (ADL)

Date (month/year):	09/2020
Products covered by this chapter:	This chapter covers the specific versions of the MiCOM products listed below. This includes only the following combinations of Software Version and Hardware Suffix.
Hardware suffix:	M
Software version:	B5
Connection diagrams:	This includes a list of the Connection Diagrams for the Products covered by this document. 10P343xx (xx = 01 to 19)

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Notes:

1 Introduction

This section of the document is the IEC61850 Address Assignment List (ADL) and presents the relationships between Data Attributes of the IEC61850 data model and Courier Cells / Digital Data Bus signals in the settings database of the P343 with firmware version B5A .

The reader is expected to be conversant with the terminology presented within the IEC61850 standards, namely parts 6 and 7 of the series.

2 Logical Device: Control

This section details Courier Cell and Digital Data Bus assignments to IEC61850 Data Attributes within Logical Nodes contained in the Control Logical Device.

2.1

Logical Node: AscRSYN1

Description: System Checks - Check Sync 1

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[4E 11] - CS1 Status
Beh.stVal	ST	[FE 1F] - AscRSYN1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 20] - AscRSYN1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	FIXED_NUMERIC
Rel.stVal	ST	DDB_CHECKSYNC_1_OK (1332)
Rel.q	ST	[FE 1F] - AscRSYN1 Beh
Rel.t	ST	AUTO_TIME
VInd.stVal	ST	Function (Get_CheckSync_VDiffIndicator())
VInd.q	ST	[FE 1F] - AscRSYN1 Beh
VInd.t	ST	AUTO_TIME
AngInd.stVal	ST	Function (Get_CheckSync1_ADiffIndicator())
AngInd.q	ST	[FE 1F] - AscRSYN1 Beh
AngInd.t	ST	AUTO_TIME
HzInd.stVal	ST	Function (Get_CheckSync1_FDiffIndicator())
HzInd.q	ST	[FE 1F] - AscRSYN1 Beh
HzInd.t	ST	AUTO_TIME
DifVClc.mag.f	MX	[02 72] - Gen-Bus Volt
DifVClc.q	MX	[FE 1F] - AscRSYN1 Beh
DifVClc.t	MX	AUTO_TIME
DifVClc.units.SIUnit	CF	[02 72] - Gen-Bus Volt
DifVClc.db	CF	AUTO_DEADBAND_MX
DifVClc.units.multiplier	CF	AUTO_VARIABLE_INT
DifVClc.rangeC.hhLim.f	CF	FIXED_FLOAT
DifVClc.rangeC.hLim.f	CF	FIXED_FLOAT
DifVClc.rangeC.lLim.f	CF	FIXED_FLOAT
DifVClc.rangeC.lLim.f	CF	FIXED_FLOAT
DifVClc.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
DifVClc.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
DifHzClc.mag.f	MX	[02 74] - Slip Frequency

Attribute	FC	Source
DifHzClc.q	MX	[FE 1F] - AscRSYN1 Beh
DifHzClc.t	MX	AUTO_TIME
DifHzClc.units.SIUnit	CF	[02 74] - Slip Frequency
DifHzClc.db	CF	AUTO_DEADBAND_MX
DifHzClc.units.multiplier	CF	AUTO_VARIABLE_INT
DifHzClc.rangeC.hhLim.f	CF	FIXED_FLOAT
DifHzClc.rangeC.hLim.f	CF	FIXED_FLOAT
DifHzClc.rangeC.lLim.f	CF	FIXED_FLOAT
DifHzClc.rangeC.lLim.f	CF	FIXED_FLOAT
DifHzClc.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
DifHzClc.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
DifAngClc.mag.f	MX	[02 73] - Gen-Bus Angle
DifAngClc.q	MX	[FE 1F] - AscRSYN1 Beh
DifAngClc.t	MX	AUTO_TIME
DifAngClc.units.SIUnit	CF	[02 73] - Gen-Bus Angle
DifAngClc.db	CF	AUTO_DEADBAND_MX
DifAngClc.units.multiplier	CF	AUTO_VARIABLE_INT
DifAngClc.rangeC.hhLim.f	CF	FIXED_FLOAT
DifAngClc.rangeC.hLim.f	CF	FIXED_FLOAT
DifAngClc.rangeC.lLim.f	CF	FIXED_FLOAT
DifAngClc.rangeC.lLim.f	CF	FIXED_FLOAT
DifAngClc.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
DifAngClc.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT

2.2

Logical Node: AscRSYN2

Description: System Checks - Check Sync 2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[4E 16] - CS2 Status
Beh.stVal	ST	[FE 21] - AscRSYN2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 22] - AscRSYN2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	FIXED_NUMERIC
Rel.stVal	ST	DDB_CHECKSYNC_2_OK (1333)
Rel.q	ST	[FE 21] - AscRSYN2 Beh
Rel.t	ST	AUTO_TIME
VInd.stVal	ST	Function (Get_CheckSync_VDiffIndicator())

Attribute	FC	Source
VInd.q	ST	[FE 21] - AscRSYN2 Beh
VInd.t	ST	AUTO_TIME
AngInd.stVal	ST	Function (Get_CheckSync2_ADiffIndicator())
AngInd.q	ST	[FE 21] - AscRSYN2 Beh
AngInd.t	ST	AUTO_TIME
HzInd.stVal	ST	Function (Get_CheckSync2_FDiffIndicator())
HzInd.q	ST	[FE 21] - AscRSYN2 Beh
HzInd.t	ST	AUTO_TIME
DifVClc.mag.f	MX	[02 72] - Gen-Bus Volt
DifVClc.q	MX	[FE 21] - AscRSYN2 Beh
DifVClc.t	MX	AUTO_TIME
DifVClc.units.SIUnit	CF	[02 72] - Gen-Bus Volt
DifVClc.db	CF	AUTO_DEADBAND_MX
DifVClc.units.multiplier	CF	AUTO_VARIABLE_INT
DifVClc.rangeC.hhLim.f	CF	FIXED_FLOAT
DifVClc.rangeC.hLim.f	CF	FIXED_FLOAT
DifVClc.rangeC.lLim.f	CF	FIXED_FLOAT
DifVClc.rangeC.lLim.f	CF	FIXED_FLOAT
DifVClc.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
DifVClc.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
DifHzClc.mag.f	MX	[02 74] - Slip Frequency
DifHzClc.q	MX	[FE 21] - AscRSYN2 Beh
DifHzClc.t	MX	AUTO_TIME
DifHzClc.db	CF	AUTO_DEADBAND_MX
DifHzClc.units.SIUnit	CF	[02 74] - Slip Frequency
DifHzClc.units.multiplier	CF	AUTO_VARIABLE_INT
DifHzClc.rangeC.hhLim.f	CF	FIXED_FLOAT
DifHzClc.rangeC.hLim.f	CF	FIXED_FLOAT
DifHzClc.rangeC.lLim.f	CF	FIXED_FLOAT
DifHzClc.rangeC.lLim.f	CF	FIXED_FLOAT
DifHzClc.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
DifHzClc.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
DifAngClc.mag.f	MX	[02 73] - Gen-Bus Angle
DifAngClc.q	MX	[FE 21] - AscRSYN2 Beh
DifAngClc.t	MX	AUTO_TIME
DifAngClc.units.SIUnit	CF	[02 73] - Gen-Bus Angle
DifAngClc.db	CF	AUTO_DEADBAND_MX
DifAngClc.units.multiplier	CF	AUTO_VARIABLE_INT
DifAngClc.rangeC.hhLim.f	CF	FIXED_FLOAT
DifAngClc.rangeC.hLim.f	CF	FIXED_FLOAT
DifAngClc.rangeC.lLim.f	CF	FIXED_FLOAT
DifAngClc.rangeC.lLim.f	CF	FIXED_FLOAT
DifAngClc.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
DifAngClc.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT

2.3

Logical Node: CILO1**Description:** XCBR Interlocking

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[06 00] - CB CONDITION
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
EnaOpn.stVal	ST	Function (Get_Interlocking())
EnaOpn.q	ST	Function (Get_Common_Quality())
EnaOpn.t	ST	AUTO_TIME
EnaCls.stVal	ST	Function (Get_Interlocking())
EnaCls.q	ST	Function (Get_Common_Quality())
EnaCls.t	ST	AUTO_TIME

2.4

Logical Node: LLN0**Description:** LLN0 for control LD

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.configRev	DC	FIXED_STRING
NamPlt.IdNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	Function (Get_PD_Ctrl_Health())
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	Function (Get_PD_Mode())
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
AscBeh.stVal	ST	[09 33] - System Checks
AscBeh.q	ST	[09 33] - System Checks
AscBeh.t	ST	AUTO_TIME
AscBeh.d	DC	[09 33] - System Checks

Attribute	FC	Source
AscBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
AscMod.stVal	ST	[09 33] - System Checks
AscMod.q	ST	[09 33] - System Checks
AscMod.t	ST	AUTO_TIME
AscMod.stSeld	ST	AUTO_VARIABLE_INT
AscMod.ctIModel	CF	AUTO_CONTROL_MODEL
AscMod.d	DC	[09 33] - System Checks
AscMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
AscMod.ctIVal	CO	[09 33] - System Checks

2.5

Logical Node: LPHD1**Description:** Physical Device Information

Attribute	FC	Source
PhyNam.vendor	DC	FIXED_STRING
PhyNam.hwRev	DC	Function (Get_PD_Hardware_Revision())
PhyNam.swRev	DC	[00 11] - Software Ref. 1
PhyNam.serNum	DC	[00 08] - Serial Number
PhyNam.model	DC	[00 06] - Model Number
PhyNam.location	DC	[00 05] - Plant Reference
PhyHealth.stVal	ST	Function (Get_PD_Health())
PhyHealth.q	ST	Function (Get_Common_Quality())
PhyHealth.t	ST	AUTO_TIME
Proxy.stVal	ST	FIXED_NUMERIC
Proxy.q	ST	Function (Get_Common_Quality())
Proxy.t	ST	AUTO_TIME
Proxy.d	DC	FIXED_STRING
PwrUp.stVal	ST	FIXED_NUMERIC
PwrUp.q	ST	Function (Get_Common_Quality())
PwrUp.t	ST	AUTO_TIME
PwrUp.d	DC	FIXED_STRING

2.6

Logical Node: XCBR1**Description:** Circuit Breaker Monitoring for All Module

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	Function (Get_CB_Health())
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC

Attribute	FC	Source
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
EEHealth.stVal	ST	Function (Get_CB_Health())
EEHealth.q	ST	Function (Get_Common_Quality())
EEHealth.t	ST	AUTO_TIME
Loc.stVal	ST	[07 01] - CB Control by
Loc.q	ST	Function (Get_Common_Quality())
Loc.t	ST	AUTO_TIME
OpCnt.stVal	ST	[06 01] - CB Operations
OpCnt.q	ST	Function (Get_Common_Quality())
OpCnt.t	ST	AUTO_TIME
CBOpCap.stVal	ST	Function (Get_CB_OperationCapacity())
CBOpCap.q	ST	Function (Get_Common_Quality())
CBOpCap.t	ST	AUTO_TIME
Pos.origin.orCat	ST	AUTO_VARIABLE_INT
Pos.origin.orIdent	ST	AUTO_VARIABLE_STR
Pos.stVal	ST	[00 0C] - Plant Status
Pos.q	ST	Function (Get_Common_Quality())
Pos.t	ST	AUTO_TIME
Pos.stSeld	ST	AUTO_VARIABLE_INT
Pos.ctlModel	CF	AUTO_CONTROL_MODEL
Pos.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
Pos.ctlVal	CO	[00 10] - CB Trip/Close
BlkOpn.stVal	ST	[07 01] - CB Control by
BlkOpn.q	ST	Function (Get_Common_Quality())
BlkOpn.t	ST	AUTO_TIME
BlkOpn.ctlModel	CF	AUTO_CONTROL_MODEL
BlkCls.stVal	ST	[07 01] - CB Control by
BlkCls.q	ST	Function (Get_Common_Quality())
BlkCls.t	ST	AUTO_TIME
BlkCls.ctlModel	CF	AUTO_CONTROL_MODEL
Lock.origin.orCat	ST	AUTO_VARIABLE_INT
Lock.origin.orIdent	ST	AUTO_VARIABLE_STR
Lock.stVal	ST	AUTO_VARIABLE_INT
Lock.q	ST	Function (Get_Common_Quality())
Lock.t	ST	AUTO_TIME
Lock.stSeld	ST	AUTO_VARIABLE_INT
Lock.ctlModel	CF	AUTO_CONTROL_MODEL
Lock.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
Lock.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
Lock.ctlVal	CO	Function (mstcm_write_lock_ctval())

3 Logical Device: Measurements

This section details Courier Cell and Digital Data Bus assignments to IEC61850 Data Attributes within Logical Nodes contained in the Measurements Logical Device.

3.1

Logical Node: AfqMMTR1

Description: Abnormal Frequency Time measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
FBnd1Tm.stVal	ST	[04 30] - F Band1 Time (s)
FBnd1Tm.q	ST	Function (Get_Common_Quality())
FBnd1Tm.t	ST	AUTO_TIME
FBnd1Tm.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FBnd2Tm.stVal	ST	[04 34] - F Band2 Time (s)
FBnd2Tm.q	ST	Function (Get_Common_Quality())
FBnd2Tm.t	ST	AUTO_TIME
FBnd2Tm.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FBnd3Tm.stVal	ST	[04 38] - F Band3 Time (s)
FBnd3Tm.q	ST	Function (Get_Common_Quality())
FBnd3Tm.t	ST	AUTO_TIME
FBnd3Tm.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FBnd4Tm.stVal	ST	[04 3C] - F Band4 Time (s)
FBnd4Tm.q	ST	Function (Get_Common_Quality())
FBnd4Tm.t	ST	AUTO_TIME
FBnd4Tm.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FBnd5Tm.stVal	ST	[04 40] - F Band5 Time (s)
FBnd5Tm.q	ST	Function (Get_Common_Quality())
FBnd5Tm.t	ST	AUTO_TIME
FBnd5Tm.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FBnd6Tm.stVal	ST	[04 44] - F Band6 Time (s)
FBnd6Tm.q	ST	Function (Get_Common_Quality())
FBnd6Tm.t	ST	AUTO_TIME
FBnd6Tm.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.2

Logical Node: DfpMMXU1

Description: df/dt

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctIModel	CF	FIXED_NUMERIC
Dfdt.mag.f	MX	[04 48] - df/dt
Dfdt.q	MX	Function (Get_Common_Quality())
Dfdt.t	MX	AUTO_TIME
Dfdt.units.SIUnit	CF	[04 48] - df/dt
Dfdt.units.multiplier	CF	AUTO_VARIABLE_INT
Dfdt.db	CF	AUTO_DEADBAND_MX
Dfdt.rangeC.hhLim.f	CF	FIXED_FLOAT
Dfdt.rangeC.hLim.f	CF	FIXED_FLOAT
Dfdt.rangeC.lLim.f	CF	FIXED_FLOAT
Dfdt.rangeC.lLim.f	CF	FIXED_FLOAT
Dfdt.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Dfdt.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
Dfdt.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.3

Logical Node: LLN0

Description: Measurements Logical Device

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.configRev	DC	FIXED_STRING
NamPlt.IdNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	Function (Get_PD_Health())
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	Function (Get_PD_Mode())

Attribute	FC	Source
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL

3.4

Logical Node: LoIMMTR1**Description:** Loss of Life (Transformer) Meter values

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	FIXED_NUMERIC
LOLLres.mag.f	MX	[05 0A] - Lres at Design T
FAALres.mag.f	MX	[05 0C] - Lres at FAA,m
FAALres.q	MX	Function (Get_Common_Quality())
LOLLres.q	MX	Function (Get_Common_Quality())
FAALres.t	MX	AUTO_TIME
LOLLres.t	MX	AUTO_TIME
LOLLres.units.SIUnit	CF	[05 0A] - Lres at Design T
FAALres.units.SIUnit	CF	[05 0C] - Lres at FAA,m
FAALres.units.multiplier	CF	AUTO_VARIABLE_INT
LOLLres.units.multiplier	CF	AUTO_VARIABLE_INT
LOLLres.db	CF	AUTO_DEADBAND_MX
FAALres.db	CF	AUTO_DEADBAND_MX
LOLLres.rangeC.hhLim.f	CF	FIXED_FLOAT
FAALres.rangeC.hhLim.f	CF	FIXED_FLOAT
FAALres.rangeC.hLim.f	CF	FIXED_FLOAT
LOLLres.rangeC.hLim.f	CF	FIXED_FLOAT
FAALres.rangeC.lLim.f	CF	FIXED_FLOAT
LOLLres.rangeC.lLim.f	CF	FIXED_FLOAT
FAALres.rangeC.lLim.f	CF	FIXED_FLOAT
LOLLres.rangeC.lLim.f	CF	FIXED_FLOAT
FAALres.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
LOLLres.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
LOLLres.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
FAALres.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT

Attribute	FC	Source
FAALres.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
LOLLres.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
LOLRate.mag.f	MX	[05 08] - Rate of LOL
LOLRate.q	MX	Function (Get_Common_Quality())
LOLRate.t	MX	AUTO_TIME
LOLRate.units.SIUnit	CF	[05 08] - Rate of LOL
LOLRate.units.multiplier	CF	AUTO_VARIABLE_INT
LOLRate.db	CF	AUTO_DEADBAND_MX
LOLRate.rangeC.hhLim.f	CF	FIXED_FLOAT
LOLRate.rangeC.hLim.f	CF	FIXED_FLOAT
LOLRate.rangeC.lLim.f	CF	FIXED_FLOAT
LOLRate.rangeC.lLim.f	CF	FIXED_FLOAT
LOLRate.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
LOLRate.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
LOLRate.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
LOLSts.mag.f	MX	[05 06] - LOL status
LOLSts.q	MX	Function (Get_Common_Quality())
LOLSts.t	MX	AUTO_TIME
LOLSts.units.SIUnit	CF	[05 06] - LOL status
LOLSts.units.multiplier	CF	AUTO_VARIABLE_INT
LOLSts.db	CF	AUTO_DEADBAND_MX
LOLSts.rangeC.hhLim.f	CF	FIXED_FLOAT
LOLSts.rangeC.hLim.f	CF	FIXED_FLOAT
LOLSts.rangeC.lLim.f	CF	FIXED_FLOAT
LOLSts.rangeC.lLim.f	CF	FIXED_FLOAT
LOLSts.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
LOLSts.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
LOLSts.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[05 07] - Reset LOL
MTRRs.q	ST	Function (Get_Common_Quality())
MTRRs.t	ST	AUTO_TIME
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[05 07] - Reset LOL

3.5

Logical Node: LoIMMXU1

Description: Loss of life (transformer) measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1

Attribute	FC	Source
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	FIXED_NUMERIC
FAA.mag.f	MX	[05 0B] - FAA,m
FAA.q	MX	Function (Get_Common_Quality())
FAA.t	MX	AUTO_TIME
FAA.units.SIUnit	CF	[05 0B] - FAA,m
FAA.units.multiplier	CF	AUTO_VARIABLE_INT
FAA.db	CF	AUTO_DEADBAND_MX
FAA.rangeC.hhLim.f	CF	FIXED_FLOAT
FAA.rangeC.hLim.f	CF	FIXED_FLOAT
FAA.rangeC.lLim.f	CF	FIXED_FLOAT
FAA.rangeC.lLim.f	CF	FIXED_FLOAT
FAA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
FAA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
FAA.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
LOL.mag.f	MX	[05 09] - LOL Ageing Fact
LOL.q	MX	Function (Get_Common_Quality())
LOL.t	MX	AUTO_TIME
LOL.units.SIUnit	CF	[05 09] - LOL Ageing Fact
LOL.units.multiplier	CF	AUTO_VARIABLE_INT
LOL.db	CF	AUTO_DEADBAND_MX
LOL.rangeC.hhLim.f	CF	FIXED_FLOAT
LOL.rangeC.hLim.f	CF	FIXED_FLOAT
LOL.rangeC.lLim.f	CF	FIXED_FLOAT
LOL.rangeC.lLim.f	CF	FIXED_FLOAT
LOL.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
LOL.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
LOL.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.6

Logical Node: LPHD1

Description: Physical Device Information

Attribute	FC	Source
PhyNam.vendor	DC	FIXED_STRING
PhyNam.hwRev	DC	Function (Get_PD_Hardware_Revision())
PhyNam.swRev	DC	[00 11] - Software Ref. 1

Attribute	FC	Source
PhyNam.serNum	DC	[00 08] - Serial Number
PhyNam.model	DC	[00 06] - Model Number
PhyNam.location	DC	[00 05] - Plant Reference
PhyHealth.stVal	ST	Function (Get_PD_Health())
PhyHealth.q	ST	Function (Get_Common_Quality())
PhyHealth.t	ST	AUTO_TIME
Proxy.stVal	ST	FIXED_NUMERIC
Proxy.q	ST	Function (Get_Common_Quality())
Proxy.t	ST	AUTO_TIME
Proxy.d	DC	FIXED_STRING
PwrUp.stVal	ST	FIXED_NUMERIC
PwrUp.q	ST	Function (Get_Common_Quality())
PwrUp.t	ST	AUTO_TIME
PwrUp.d	DC	FIXED_STRING

3.7

Logical Node: PriCsvMMXU1

Description: Primary C/S Measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
CSVol.res.cVal.mag.f	MX	[02 70] - C/S Voltage Mag
CSVol.res.cVal.ang.f	MX	[02 71] - C/S Voltage Ang
CSVol.res.q	MX	Function (Get_Common_Quality())
CSVol.res.t	MX	AUTO_TIME
CSVol.res.units.SIUnit	CF	[02 70] - C/S Voltage Mag
CSVol.res.db	CF	AUTO_DEADBAND_MX
CSVol.res.units.multiplier	CF	AUTO_VARIABLE_INT
CSVol.res.rangeC.hhLim.f	CF	FIXED_FLOAT
CSVol.res.rangeC.hLim.f	CF	FIXED_FLOAT
CSVol.res.rangeC.lLim.f	CF	FIXED_FLOAT
CSVol.res.rangeC.lLim.f	CF	FIXED_FLOAT
CSVol.res.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
CSVol.res.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT

Attribute	FC	Source
CSVol.d	DC	[02 70] - C/S Voltage Mag
CSVol.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.8

Logical Node: PriFouMMXU1**Description:** Primary Fourier Derived Measurands

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Hz.mag.f	MX	[02 2D] - Frequency
Hz.q	MX	Function (Get_Freq_Quality())
Hz.t	MX	AUTO_TIME
Hz.db	CF	AUTO_DEADBAND_MX
Hz.units.SIUnit	CF	[02 2D] - Frequency
Hz.units.multiplier	CF	AUTO_VARIABLE_INT
Hz.rangeC.hhLim.f	CF	FIXED_FLOAT
Hz.rangeC.hLim.f	CF	FIXED_FLOAT
Hz.rangeC.lLim.f	CF	FIXED_FLOAT
Hz.rangeC.lLim.f	CF	FIXED_FLOAT
Hz.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Hz.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PPV.phsAB.cVal.mag.f	MX	[02 14] - VAB Magnitude
PPV.phsAB.q	MX	Function (Get_Common_Quality())
PPV.phsAB.t	MX	AUTO_TIME
PPV.phsAB.db	CF	AUTO_DEADBAND_MX
PPV.phsAB.units.SIUnit	CF	FIXED_NUMERIC
PPV.phsAB.units.multiplier	CF	AUTO_VARIABLE_INT
PPV.phsAB.rangeC.hhLim.f	CF	FIXED_FLOAT
PPV.phsAB.rangeC.hLim.f	CF	FIXED_FLOAT
PPV.phsAB.rangeC.lLim.f	CF	FIXED_FLOAT
PPV.phsAB.rangeC.lLim.f	CF	FIXED_FLOAT
PPV.phsAB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PPV.phsAB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PPV.phsBC.cVal.mag.f	MX	[02 16] - VBC Magnitude

Attribute	FC	Source
PPV.phsBC.q	MX	Function (Get_Common_Quality())
PPV.phsBC.t	MX	AUTO_TIME
PPV.phsBC.units.SIUnit	CF	FIXED_NUMERIC
PPV.phsBC.db	CF	AUTO_DEADBAND_MX
PPV.phsBC.units.multiplier	CF	AUTO_VARIABLE_INT
PPV.phsBC.rangeC.hhLim.f	CF	FIXED_FLOAT
PPV.phsBC.rangeC.hLim.f	CF	FIXED_FLOAT
PPV.phsBC.rangeC.lLim.f	CF	FIXED_FLOAT
PPV.phsBC.rangeC.lLim.f	CF	FIXED_FLOAT
PPV.phsBC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PPV.phsBC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PPV.phsCA.cVal.mag.f	MX	[02 18] - VCA Magnitude
PPV.phsCA.q	MX	Function (Get_Common_Quality())
PPV.phsCA.t	MX	AUTO_TIME
PPV.phsCA.units.SIUnit	CF	FIXED_NUMERIC
PPV.phsCA.db	CF	AUTO_DEADBAND_MX
PPV.phsCA.units.multiplier	CF	AUTO_VARIABLE_INT
PPV.phsCA.rangeC.hhLim.f	CF	FIXED_FLOAT
PPV.phsCA.rangeC.hLim.f	CF	FIXED_FLOAT
PPV.phsCA.rangeC.lLim.f	CF	FIXED_FLOAT
PPV.phsCA.rangeC.lLim.f	CF	FIXED_FLOAT
PPV.phsCA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PPV.phsCA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A.phsA.cVal.mag.f	MX	[02 01] - IA-1 Magnitude
A.phsA.q	MX	Function (Get_Common_Quality())
A.phsA.t	MX	AUTO_TIME
A.phsA.db	CF	AUTO_DEADBAND_MX
A.phsA.units.SIUnit	CF	FIXED_NUMERIC
A.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
A.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A.phsB.cVal.mag.f	MX	[02 03] - IB-1 Magnitude
A.phsB.q	MX	Function (Get_Common_Quality())
A.phsB.t	MX	AUTO_TIME
A.phsB.units.SIUnit	CF	FIXED_NUMERIC
A.phsB.db	CF	AUTO_DEADBAND_MX
A.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
A.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
A.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
A.phsB.rangeC.lLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
A.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A.phsC.cVal.mag.f	MX	[02 05] - IC-1 Magnitude
A.phsC.q	MX	Function (Get_Common_Quality())
A.phsC.t	MX	AUTO_TIME
A.phsC.db	CF	AUTO_DEADBAND_MX
A.phsC.units.SIUnit	CF	FIXED_NUMERIC
A.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
A.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
A.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
A.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
W.phsA.cVal.mag.f	MX	[03 01] - A Phase Watts
W.phsA.q	MX	Function (Get_Common_Quality())
W.phsA.t	MX	AUTO_TIME
W.phsA.units.SIUnit	CF	[03 01] - A Phase Watts
W.phsA.db	CF	AUTO_DEADBAND_MX
W.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
W.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
W.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
W.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
W.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
W.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
W.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
W.phsB.cVal.mag.f	MX	[03 02] - B Phase Watts
W.phsB.q	MX	Function (Get_Common_Quality())
W.phsB.t	MX	AUTO_TIME
W.phsB.db	CF	AUTO_DEADBAND_MX
W.phsB.units.SIUnit	CF	[03 02] - B Phase Watts
W.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
W.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
W.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
W.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
W.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
W.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
W.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
W.phsC.cVal.mag.f	MX	[03 03] - C Phase Watts
W.phsC.q	MX	Function (Get_Common_Quality())
W.phsC.t	MX	AUTO_TIME
W.phsC.units.SIUnit	CF	[03 03] - C Phase Watts
W.phsC.db	CF	AUTO_DEADBAND_MX

Attribute	FC	Source
W.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
W.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
W.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
W.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
W.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
W.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
W.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VA.phsA.cVal.mag.f	MX	[03 07] - A Phase VA
VA.phsA.q	MX	Function (Get_Common_Quality())
VA.phsA.t	MX	AUTO_TIME
VA.phsA.db	CF	AUTO_DEADBAND_MX
VA.phsA.units.SIUnit	CF	[03 07] - A Phase VA
VA.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
VA.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
VA.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
VA.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
VA.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
VA.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VA.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VA.phsB.cVal.mag.f	MX	[03 08] - B Phase VA
VA.phsB.q	MX	Function (Get_Common_Quality())
VA.phsB.t	MX	AUTO_TIME
VA.phsB.units.SIUnit	CF	[03 08] - B Phase VA
VA.phsB.db	CF	AUTO_DEADBAND_MX
VA.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
VA.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
VA.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
VA.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
VA.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
VA.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VA.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VA.phsC.cVal.mag.f	MX	[03 09] - C Phase VA
VA.phsC.q	MX	Function (Get_Common_Quality())
VA.phsC.t	MX	AUTO_TIME
VA.phsC.units.SIUnit	CF	[03 09] - C Phase VA
VA.phsC.db	CF	AUTO_DEADBAND_MX
VA.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
VA.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
VA.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
VA.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
VA.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
VA.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VA.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PF.phsA.cVal.mag.f	MX	[03 0F] - APH Power Factor

Attribute	FC	Source
PF.phsA.q	MX	Function (Get_Common_Quality())
PF.phsA.t	MX	AUTO_TIME
PF.phsA.db	CF	AUTO_DEADBAND_MX
PF.phsA.units.SIUnit	CF	[03 0F] - APh Power Factor
PF.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
PF.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
PF.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
PF.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
PF.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
PF.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PF.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PF.phsB.cVal.mag.f	MX	[03 10] - BPh Power Factor
PF.phsB.q	MX	Function (Get_Common_Quality())
PF.phsB.t	MX	AUTO_TIME
PF.phsB.units.SIUnit	CF	[03 10] - BPh Power Factor
PF.phsB.db	CF	AUTO_DEADBAND_MX
PF.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
PF.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
PF.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
PF.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PF.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PF.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PF.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PF.phsC.cVal.mag.f	MX	[03 11] - CPh Power Factor
PF.phsC.q	MX	Function (Get_Common_Quality())
PF.phsC.t	MX	AUTO_TIME
PF.phsC.db	CF	AUTO_DEADBAND_MX
PF.phsC.units.SIUnit	CF	[03 11] - CPh Power Factor
PF.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
PF.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
PF.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
PF.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PF.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PF.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PF.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A1.phsA.cVal.mag.f	MX	[02 07] - IN Measured Mag
A1.phsA.cVal.ang.f	MX	[02 08] - IN Measured Ang
A1.phsA.q	MX	Function (Get_Common_Quality())
A1.phsA.t	MX	AUTO_TIME
A1.phsA.db	CF	AUTO_DEADBAND_MX
A1.phsA.units.SIUnit	CF	[02 07] - IN Measured Mag
A1.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
A1.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
A1.phsA.rangeC.hLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
A1.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
A1.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
A1.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A1.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A1.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
A2.res.cVal.mag.f	MX	[02 09] - IN-1 Derived Mag
A2.res.q	MX	Function (Get_Common_Quality())
A2.res.t	MX	AUTO_TIME
A2.res.db	CF	AUTO_DEADBAND_MX
A2.res.units.SIUnit	CF	[02 09] - IN-1 Derived Mag
A2.res.units.multiplier	CF	AUTO_VARIABLE_INT
A2.res.rangeC.hhLim.f	CF	FIXED_FLOAT
A2.res.rangeC.hLim.f	CF	FIXED_FLOAT
A2.res.rangeC.lLim.f	CF	FIXED_FLOAT
A2.res.rangeC.lLim.f	CF	FIXED_FLOAT
A2.res.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A2.res.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A2.d	DC	[02 09] - IN-1 Derived Mag
A2.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
A3.res.cVal.mag.f	MX	[02 13] - IN-2 Derived Mag
A3.res.q	MX	Function (Get_Common_Quality())
A3.res.t	MX	AUTO_TIME
A3.res.db	CF	AUTO_DEADBAND_MX
A3.res.units.SIUnit	CF	[02 13] - IN-2 Derived Mag
A3.res.units.multiplier	CF	AUTO_VARIABLE_INT
A3.res.rangeC.hhLim.f	CF	FIXED_FLOAT
A3.res.rangeC.hLim.f	CF	FIXED_FLOAT
A3.res.rangeC.lLim.f	CF	FIXED_FLOAT
A3.res.rangeC.lLim.f	CF	FIXED_FLOAT
A3.res.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A3.res.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A3.d	DC	[02 13] - IN-2 Derived Mag
A3.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
AngA.phsA.cVal.mag.f	MX	[02 02] - IA-1 Phase Angle
AngA.phsA.q	MX	Function (Get_Common_Quality())
AngA.phsA.t	MX	AUTO_TIME
AngA.phsA.units.SIUnit	CF	[02 02] - IA-1 Phase Angle
AngA.phsA.db	CF	AUTO_DEADBAND_MX
AngA.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
AngA.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
AngA.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
AngA.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
AngA.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
AngA.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT

Attribute	FC	Source
AngA.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AngA.phsB.cVal.mag.f	MX	[02 04] - IB-1 Phase Angle
AngA.phsB.q	MX	Function (Get_Common_Quality())
AngA.phsB.t	MX	AUTO_TIME
AngA.phsB.units.SIUnit	CF	[02 04] - IB-1 Phase Angle
AngA.phsB.db	CF	AUTO_DEADBAND_MX
AngA.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
AngA.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
AngA.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
AngA.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
AngA.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
AngA.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AngA.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AngA.phsC.cVal.mag.f	MX	[02 06] - IC-1 Phase Angle
AngA.phsC.q	MX	Function (Get_Common_Quality())
AngA.phsC.t	MX	AUTO_TIME
AngA.phsC.db	CF	AUTO_DEADBAND_MX
AngA.phsC.units.SIUnit	CF	[02 06] - IC-1 Phase Angle
AngA.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
AngA.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
AngA.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
AngA.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
AngA.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
AngA.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AngA.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AngA.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
AngPPV.phsAB.cVal.mag.f	MX	[02 15] - VAB Phase Angle
AngPPV.phsAB.q	MX	Function (Get_Common_Quality())
AngPPV.phsAB.t	MX	AUTO_TIME
AngPPV.phsAB.db	CF	AUTO_DEADBAND_MX
AngPPV.phsAB.units.SIUnit	CF	FIXED_NUMERIC
AngPPV.phsAB.units.multiplier	CF	AUTO_VARIABLE_INT
AngPPV.phsAB.rangeC.hhLim.f	CF	FIXED_FLOAT
AngPPV.phsAB.rangeC.hLim.f	CF	FIXED_FLOAT
AngPPV.phsAB.rangeC.lLim.f	CF	FIXED_FLOAT
AngPPV.phsAB.rangeC.lLim.f	CF	FIXED_FLOAT
AngPPV.phsAB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AngPPV.phsAB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AngPPV.phsBC.cVal.mag.f	MX	[02 17] - VBC Phase Angle
AngPPV.phsBC.q	MX	Function (Get_Common_Quality())
AngPPV.phsBC.t	MX	AUTO_TIME
AngPPV.phsBC.units.SIUnit	CF	FIXED_NUMERIC
AngPPV.phsBC.db	CF	AUTO_DEADBAND_MX
AngPPV.phsBC.units.multiplier	CF	AUTO_VARIABLE_INT

Attribute	FC	Source
AngPPV.phsBC.rangeC.hhLim.f	CF	FIXED_FLOAT
AngPPV.phsBC.rangeC.hLim.f	CF	FIXED_FLOAT
AngPPV.phsBC.rangeC.lLim.f	CF	FIXED_FLOAT
AngPPV.phsBC.rangeC.lLim.f	CF	FIXED_FLOAT
AngPPV.phsBC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AngPPV.phsBC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AngPPV.phsCA.cVal.mag.f	MX	[02 19] - VCA Phase Angle
AngPPV.phsCA.q	MX	Function (Get_Common_Quality())
AngPPV.phsCA.t	MX	AUTO_TIME
AngPPV.phsCA.units.SIUnit	CF	FIXED_NUMERIC
AngPPV.phsCA.db	CF	AUTO_DEADBAND_MX
AngPPV.phsCA.units.multiplier	CF	AUTO_VARIABLE_INT
AngPPV.phsCA.rangeC.hhLim.f	CF	FIXED_FLOAT
AngPPV.phsCA.rangeC.hLim.f	CF	FIXED_FLOAT
AngPPV.phsCA.rangeC.lLim.f	CF	FIXED_FLOAT
AngPPV.phsCA.rangeC.lLim.f	CF	FIXED_FLOAT
AngPPV.phsCA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AngPPV.phsCA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AngPPV.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
AngV.phsA.cVal.mag.f	MX	[02 1B] - VAN Phase Angle
AngV.phsA.q	MX	Function (Get_Common_Quality())
AngV.phsA.t	MX	AUTO_TIME
AngV.phsA.db	CF	AUTO_DEADBAND_MX
AngV.phsA.units.SIUnit	CF	FIXED_NUMERIC
AngV.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
AngV.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
AngV.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
AngV.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
AngV.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
AngV.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AngV.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AngV.phsB.cVal.mag.f	MX	[02 1D] - VBN Phase Angle
AngV.phsB.q	MX	Function (Get_Common_Quality())
AngV.phsB.t	MX	AUTO_TIME
AngV.phsB.db	CF	AUTO_DEADBAND_MX
AngV.phsB.units.SIUnit	CF	FIXED_NUMERIC
AngV.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
AngV.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
AngV.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
AngV.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
AngV.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
AngV.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AngV.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AngV.phsC.cVal.mag.f	MX	[02 1F] - VCN Phase Angle

Attribute	FC	Source
AngV.phsC.q	MX	Function (Get_Common_Quality())
AngV.phsC.t	MX	AUTO_TIME
AngV.phsC.units.SIUnit	CF	FIXED_NUMERIC
AngV.phsC.db	CF	AUTO_DEADBAND_MX
AngV.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
AngV.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
AngV.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
AngV.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
AngV.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
AngV.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AngV.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AngV.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
AvgPF.mag.f	MX	[03 0E] - 3Ph Power Factor
AvgPF.q	MX	Function (Get_Common_Quality())
AvgPF.t	MX	AUTO_TIME
AvgPF.units.SIUnit	CF	[03 0E] - 3Ph Power Factor
AvgPF.units.multiplier	CF	AUTO_VARIABLE_INT
AvgPF.db	CF	AUTO_DEADBAND_MX
AvgPF.rangeC.hhLim.f	CF	FIXED_FLOAT
AvgPF.rangeC.hLim.f	CF	FIXED_FLOAT
AvgPF.rangeC.lLim.f	CF	FIXED_FLOAT
AvgPF.rangeC.lLim.f	CF	FIXED_FLOAT
AvgPF.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AvgPF.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AvgPF.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
AvgVA.mag.f	MX	[03 0C] - 3 Phase VA
AvgVA.q	MX	Function (Get_Common_Quality())
AvgVA.t	MX	AUTO_TIME
AvgVA.units.SIUnit	CF	[03 0C] - 3 Phase VA
AvgVA.units.multiplier	CF	AUTO_VARIABLE_INT
AvgVA.db	CF	AUTO_DEADBAND_MX
AvgVA.rangeC.hhLim.f	CF	FIXED_FLOAT
AvgVA.rangeC.hLim.f	CF	FIXED_FLOAT
AvgVA.rangeC.lLim.f	CF	FIXED_FLOAT
AvgVA.rangeC.lLim.f	CF	FIXED_FLOAT
AvgVA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AvgVA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AvgVA.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
AvgVArS.mag.f	MX	[03 0B] - 3 Phase VArS
AvgVArS.q	MX	Function (Get_Common_Quality())
AvgVArS.t	MX	AUTO_TIME
AvgVArS.units.SIUnit	CF	[03 0B] - 3 Phase VArS
AvgVArS.units.multiplier	CF	AUTO_VARIABLE_INT
AvgVArS.db	CF	AUTO_DEADBAND_MX

Attribute	FC	Source
AvgVArS.rangeC.hhLim.f	CF	FIXED_FLOAT
AvgVArS.rangeC.hLim.f	CF	FIXED_FLOAT
AvgVArS.rangeC.lLim.f	CF	FIXED_FLOAT
AvgVArS.rangeC.lLim.f	CF	FIXED_FLOAT
AvgVArS.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AvgVArS.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AvgVArS.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
AvgWatts.mag.f	MX	[03 0A] - 3 Phase Watts
AvgWatts.q	MX	Function (Get_Common_Quality())
AvgWatts.t	MX	AUTO_TIME
AvgWatts.units.SIUnit	CF	[03 0A] - 3 Phase Watts
AvgWatts.units.multiplier	CF	AUTO_VARIABLE_INT
AvgWatts.db	CF	AUTO_DEADBAND_MX
AvgWatts.rangeC.hhLim.f	CF	FIXED_FLOAT
AvgWatts.rangeC.hLim.f	CF	FIXED_FLOAT
AvgWatts.rangeC.lLim.f	CF	FIXED_FLOAT
AvgWatts.rangeC.lLim.f	CF	FIXED_FLOAT
AvgWatts.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AvgWatts.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AvgWatts.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NPSPwr.mag.f	MX	[03 0D] - NPS Power S2
NPSPwr.q	MX	Function (Get_Common_Quality())
NPSPwr.t	MX	AUTO_TIME
NPSPwr.units.SIUnit	CF	[03 0D] - NPS Power S2
NPSPwr.units.multiplier	CF	AUTO_VARIABLE_INT
NPSPwr.db	CF	AUTO_DEADBAND_MX
NPSPwr.rangeC.hhLim.f	CF	FIXED_FLOAT
NPSPwr.rangeC.hLim.f	CF	FIXED_FLOAT
NPSPwr.rangeC.lLim.f	CF	FIXED_FLOAT
NPSPwr.rangeC.lLim.f	CF	FIXED_FLOAT
NPSPwr.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
NPSPwr.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
NPSPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
V.phsA.cVal.mag.f	MX	[02 1A] - VAN Magnitude
V.phsA.q	MX	Function (Get_Common_Quality())
V.phsA.t	MX	AUTO_TIME
V.phsA.db	CF	AUTO_DEADBAND_MX
V.phsA.units.SIUnit	CF	FIXED_NUMERIC
V.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
V.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
V.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
V.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
V.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
V.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT

Attribute	FC	Source
V.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
V.phsB.cVal.mag.f	MX	[02 1C] - VBN Magnitude
V.phsB.q	MX	Function (Get_Common_Quality())
V.phsB.t	MX	AUTO_TIME
V.phsB.db	CF	AUTO_DEADBAND_MX
V.phsB.units.SIUnit	CF	FIXED_NUMERIC
V.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
V.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
V.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
V.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
V.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
V.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
V.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
V.phsC.cVal.mag.f	MX	[02 1E] - VCN Magnitude
V.phsC.q	MX	Function (Get_Common_Quality())
V.phsC.t	MX	AUTO_TIME
V.phsC.units.SIUnit	CF	FIXED_NUMERIC
V.phsC.db	CF	AUTO_DEADBAND_MX
V.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
V.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
V.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
V.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
V.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
V.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
V.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
V.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
VArs.phsA.cVal.mag.f	MX	[03 04] - A Phase VArS
VArs.phsA.q	MX	Function (Get_Common_Quality())
VArs.phsA.t	MX	AUTO_TIME
VArs.phsA.db	CF	AUTO_DEADBAND_MX
VArs.phsA.units.SIUnit	CF	[03 04] - A Phase VArS
VArs.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
VArs.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
VArs.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
VArs.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
VArs.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
VArs.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VArs.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VArs.phsB.cVal.mag.f	MX	[03 05] - B Phase VArS
VArs.phsB.q	MX	Function (Get_Common_Quality())
VArs.phsB.t	MX	AUTO_TIME
VArs.phsB.db	CF	AUTO_DEADBAND_MX
VArs.phsB.units.SIUnit	CF	[03 05] - B Phase VArS
VArs.phsB.units.multiplier	CF	AUTO_VARIABLE_INT

Attribute	FC	Source
VArs.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
VArs.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
VArs.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
VArs.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
VArs.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VArs.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VArs.phsC.cVal.mag.f	MX	[03 06] - C Phase VArS
VArs.phsC.q	MX	Function (Get_Common_Quality())
VArs.phsC.t	MX	AUTO_TIME
VArs.phsC.units.SIUnit	CF	[03 06] - C Phase VArS
VArs.phsC.db	CF	AUTO_DEADBAND_MX
VArs.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
VArs.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
VArs.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
VArs.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
VArs.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
VArs.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VArs.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VArs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
VN.res.cVal.mag.f	MX	[02 22] - VN Derived Mag
VN.res.cVal.ang.f	MX	[02 23] - VN Derived Ang
VN.res.q	MX	Function (Get_Common_Quality())
VN.res.t	MX	AUTO_TIME
VN.res.units.SIUnit	CF	[02 22] - VN Derived Mag
VN.res.db	CF	AUTO_DEADBAND_MX
VN.res.units.multiplier	CF	AUTO_VARIABLE_INT
VN.res.rangeC.hhLim.f	CF	FIXED_FLOAT
VN.res.rangeC.hLim.f	CF	FIXED_FLOAT
VN.res.rangeC.lLim.f	CF	FIXED_FLOAT
VN.res.rangeC.lLim.f	CF	FIXED_FLOAT
VN.res.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VN.res.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VN.d	DC	[02 22] - VN Derived Mag
VN.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.9

Logical Node: PriFxdMSTA1

Description: Primary Fixed demand measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.lnNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	Function (Get_PD_Beh())

Attribute	FC	Source
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
PhApPwr.phsA.cVal.mag.f	MX	[03 18] - IA Fixed Demand
PhApPwr.phsA.q	MX	Function (Get_Common_Quality())
PhApPwr.phsA.t	MX	AUTO_TIME
PhApPwr.phsA.db	CF	AUTO_DEADBAND_MX
PhApPwr.phsA.units.SIUnit	CF	[03 18] - IA Fixed Demand
PhApPwr.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
PhApPwr.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsB.cVal.mag.f	MX	[03 19] - IB Fixed Demand
PhApPwr.phsB.q	MX	Function (Get_Common_Quality())
PhApPwr.phsB.t	MX	AUTO_TIME
PhApPwr.phsB.units.SIUnit	CF	[03 19] - IB Fixed Demand
PhApPwr.phsB.db	CF	AUTO_DEADBAND_MX
PhApPwr.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
PhApPwr.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsC.cVal.mag.f	MX	[03 1A] - IC Fixed Demand
PhApPwr.phsC.q	MX	Function (Get_Common_Quality())
PhApPwr.phsC.t	MX	AUTO_TIME
PhApPwr.phsC.db	CF	AUTO_DEADBAND_MX
PhApPwr.phsC.units.SIUnit	CF	[03 1A] - IC Fixed Demand
PhApPwr.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
PhApPwr.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.hLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
PhApPwr.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
TotPwr.mag.f	MX	[03 16] - 3Ph W Fix Demand
TotPwr.q	MX	Function (Get_Common_Quality())
TotPwr.t	MX	AUTO_TIME
TotPwr.units.SIUnit	CF	[03 16] - 3Ph W Fix Demand
TotPwr.units.multiplier	CF	AUTO_VARIABLE_INT
TotPwr.db	CF	AUTO_DEADBAND_MX
TotPwr.rangeC.hhLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.hLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
TotPwr.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
TotPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
TotRtPwr.mag.f	MX	[03 17] - 3Ph VArS Fix Dem
TotRtPwr.q	MX	Function (Get_Common_Quality())
TotRtPwr.t	MX	AUTO_TIME
TotRtPwr.units.SIUnit	CF	[03 17] - 3Ph VArS Fix Dem
TotRtPwr.units.multiplier	CF	AUTO_VARIABLE_INT
TotRtPwr.db	CF	AUTO_DEADBAND_MX
TotRtPwr.rangeC.hhLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.hLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
TotRtPwr.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
TotRtPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.10

Logical Node: PriHa3MMXU1

Description: Primary Third Harmonic Measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME

Attribute	FC	Source
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
VN.mag.f	MX	[04 0F] - VN 3rd Harmonic
VN.q	MX	Function (Get_Common_Quality())
VN.t	MX	AUTO_TIME
VN.units.SIUnit	CF	[04 0F] - VN 3rd Harmonic
VN.units.multiplier	CF	AUTO_VARIABLE_INT
VN.db	CF	AUTO_DEADBAND_MX
VN.rangeC.hhLim.f	CF	FIXED_FLOAT
VN.rangeC.hLim.f	CF	FIXED_FLOAT
VN.rangeC.lLim.f	CF	FIXED_FLOAT
VN.rangeC.llLim.f	CF	FIXED_FLOAT
VN.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VN.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VN.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.11

Logical Node: PriLzdMDIF1**Description:** Primary Generator differential measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.lnNs	EX	Namespace (IEC 61850-7-4:2003)
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
IREFBias.mag.f	MX	[04 0E] - IREF Bias
IREFBias.q	MX	Function (Get_Common_Quality())
IREFBias.t	MX	AUTO_TIME
IREFBias.db	CF	AUTO_DEADBAND_MX
IREFBias.units.SIUnit	CF	[04 0E] - IREF Bias
IREFBias.units.multiplier	CF	AUTO_VARIABLE_INT
IREFBias.rangeC.hhLim.f	CF	FIXED_FLOAT
IREFBias.rangeC.hLim.f	CF	FIXED_FLOAT
IREFBias.rangeC.lLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
IREFBias.rangeC.lLim.f	CF	FIXED_FLOAT
IREFBias.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
IREFBias.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
IREFDif.mag.f	MX	[04 0D] - IREF Diff
IREFDif.q	MX	Function (Get_Common_Quality())
IREFDif.t	MX	AUTO_TIME
IREFDif.db	CF	AUTO_DEADBAND_MX
IREFDif.units.SIUnit	CF	[04 0D] - IREF Diff
IREFDif.units.multiplier	CF	AUTO_VARIABLE_INT
IREFDif.rangeC.hhLim.f	CF	FIXED_FLOAT
IREFDif.rangeC.hLim.f	CF	FIXED_FLOAT
IREFDif.rangeC.lLim.f	CF	FIXED_FLOAT
IREFDif.rangeC.lLim.f	CF	FIXED_FLOAT
IREFDif.rangeC.lLim.f	CF	FIXED_FLOAT
IREFDif.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
IREFDif.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
OpARem.phsA.cVal.mag.f	MX	[04 07] - IA Differential
OpARem.phsA.q	MX	Function (Get_Common_Quality())
OpARem.phsA.t	MX	AUTO_TIME
OpARem.phsA.units.SIUnit	CF	[04 07] - IA Differential
OpARem.phsA.db	CF	AUTO_DEADBAND_MX
OpARem.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
OpARem.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
OpARem.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
OpARem.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
OpARem.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
OpARem.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
OpARem.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
OpARem.phsB.cVal.mag.f	MX	[04 08] - IB Differential
OpARem.phsB.q	MX	Function (Get_Common_Quality())
OpARem.phsB.t	MX	AUTO_TIME
OpARem.phsB.units.SIUnit	CF	[04 08] - IB Differential
OpARem.phsB.db	CF	AUTO_DEADBAND_MX
OpARem.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
OpARem.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
OpARem.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
OpARem.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
OpARem.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
OpARem.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
OpARem.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
OpARem.phsC.cVal.mag.f	MX	[04 09] - IC Differential
OpARem.phsC.q	MX	Function (Get_Common_Quality())
OpARem.phsC.t	MX	AUTO_TIME
OpARem.phsC.units.SIUnit	CF	[04 09] - IC Differential
OpARem.phsC.db	CF	AUTO_DEADBAND_MX

Attribute	FC	Source
OpARem.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
OpARem.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
OpARem.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
OpARem.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
OpARem.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
OpARem.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
OpARem.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
OpBiasRem.phsA.cVal.mag.f	MX	[04 0A] - IA Bias
OpBiasRem.phsA.q	MX	Function (Get_Common_Quality())
OpBiasRem.phsA.t	MX	AUTO_TIME
OpBiasRem.phsA.units.SIUnit	CF	[04 0A] - IA Bias
OpBiasRem.phsA.db	CF	AUTO_DEADBAND_MX
OpBiasRem.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
OpBiasRem.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
OpBiasRem.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
OpBiasRem.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
OpBiasRem.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
OpBiasRem.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
OpBiasRem.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
OpBiasRem.phsB.cVal.mag.f	MX	[04 0B] - IB Bias
OpBiasRem.phsB.q	MX	Function (Get_Common_Quality())
OpBiasRem.phsB.t	MX	AUTO_TIME
OpBiasRem.phsB.db	CF	AUTO_DEADBAND_MX
OpBiasRem.phsB.units.SIUnit	CF	[04 0B] - IB Bias
OpBiasRem.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
OpBiasRem.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
OpBiasRem.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
OpBiasRem.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
OpBiasRem.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
OpBiasRem.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
OpBiasRem.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
OpBiasRem.phsC.cVal.mag.f	MX	[04 0C] - IC Bias
OpBiasRem.phsC.q	MX	Function (Get_Common_Quality())
OpBiasRem.phsC.t	MX	AUTO_TIME
OpBiasRem.phsC.db	CF	AUTO_DEADBAND_MX
OpBiasRem.phsC.units.SIUnit	CF	[04 0C] - IC Bias
OpBiasRem.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
OpBiasRem.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
OpBiasRem.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
OpBiasRem.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
OpBiasRem.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
OpBiasRem.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
OpBiasRem.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT

3.12

Logical Node: PriMMTR1**Description:** Primary based Energy flow metering quantities

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
SupWh.actVal	ST	[03 12] - 3Ph WHours Fwd
SupWh.q	ST	Function (Get_Common_Quality())
SupWh.t	ST	AUTO_TIME
SupWh.pulsQty	CF	FIXED_FLOAT
SupVARh.actVal	ST	[03 14] - 3Ph VARhHours Fwd
SupVARh.q	ST	Function (Get_Common_Quality())
SupVARh.t	ST	AUTO_TIME
SupVARh.pulsQty	CF	FIXED_FLOAT
DmdWh.actVal	ST	[03 13] - 3Ph WHours Rev
DmdWh.q	ST	Function (Get_Common_Quality())
DmdWh.t	ST	AUTO_TIME
DmdWh.pulsQty	CF	FIXED_FLOAT
DmdVARh.actVal	ST	[03 15] - 3Ph VARhHours Rev
DmdVARh.q	ST	Function (Get_Common_Quality())
DmdVARh.t	ST	AUTO_TIME
DmdVARh.pulsQty	CF	FIXED_FLOAT
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[03 25] - Reset Demand
MTRRs.q	ST	Function (Get_Common_Quality())
MTRRs.t	ST	AUTO_TIME
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[03 25] - Reset Demand

3.13

Logical Node: PriPkdMSTA1**Description:** Primary Peak demand measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.InNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
PhApPwr.phsA.cVal.mag.f	MX	[03 22] - IA Peak Demand
PhApPwr.phsA.q	MX	Function (Get_Common_Quality())
PhApPwr.phsA.t	MX	AUTO_TIME
PhApPwr.phsA.units.SIUnit	CF	[03 22] - IA Peak Demand
PhApPwr.phsA.db	CF	AUTO_DEADBAND_MX
PhApPwr.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
PhApPwr.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsB.cVal.mag.f	MX	[03 23] - IB Peak Demand
PhApPwr.phsB.q	MX	Function (Get_Common_Quality())
PhApPwr.phsB.t	MX	AUTO_TIME
PhApPwr.phsB.db	CF	AUTO_DEADBAND_MX
PhApPwr.phsB.units.SIUnit	CF	[03 23] - IB Peak Demand
PhApPwr.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
PhApPwr.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsC.cVal.mag.f	MX	[03 24] - IC Peak Demand
PhApPwr.phsC.q	MX	Function (Get_Common_Quality())

Attribute	FC	Source
PhApPwr.phsC.t	MX	AUTO_TIME
PhApPwr.phsC.db	CF	AUTO_DEADBAND_MX
PhApPwr.phsC.units.SIUnit	CF	[03 24] - IC Peak Demand
PhApPwr.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
PhApPwr.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
TotPwr.mag.f	MX	[03 20] - 3Ph W Peak Dem
TotPwr.q	MX	Function (Get_Common_Quality())
TotPwr.t	MX	AUTO_TIME
TotPwr.units.SIUnit	CF	[03 20] - 3Ph W Peak Dem
TotPwr.units.multiplier	CF	AUTO_VARIABLE_INT
TotPwr.db	CF	AUTO_DEADBAND_MX
TotPwr.rangeC.hhLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.hLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
TotPwr.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
TotPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
TotRtPwr.mag.f	MX	[03 21] - 3Ph VAr Peak Dem
TotRtPwr.q	MX	Function (Get_Common_Quality())
TotRtPwr.t	MX	AUTO_TIME
TotRtPwr.units.SIUnit	CF	[03 21] - 3Ph VAr Peak Dem
TotRtPwr.units.multiplier	CF	AUTO_VARIABLE_INT
TotRtPwr.db	CF	AUTO_DEADBAND_MX
TotRtPwr.rangeC.hhLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.hLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
TotRtPwr.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
TotRtPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.14

Logical Node: PriRmsMMXU1

Description: Primary RMS measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING

Attribute	FC	Source
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
PhV.phsA.cVal.mag.f	MX	[02 27] - VAN RMS
PhV.phsA.q	MX	Function (Get_Common_Quality())
PhV.phsA.t	MX	AUTO_TIME
PhV.phsA.units.SIUnit	CF	[02 27] - VAN RMS
PhV.phsA.db	CF	AUTO_DEADBAND_MX
PhV.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
PhV.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
PhV.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
PhV.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
PhV.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
PhV.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhV.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhV.phsB.cVal.mag.f	MX	[02 28] - VBN RMS
PhV.phsB.q	MX	Function (Get_Common_Quality())
PhV.phsB.t	MX	AUTO_TIME
PhV.phsB.units.SIUnit	CF	[02 28] - VBN RMS
PhV.phsB.db	CF	AUTO_DEADBAND_MX
PhV.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
PhV.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
PhV.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
PhV.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PhV.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PhV.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhV.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhV.phsC.cVal.mag.f	MX	[02 29] - VCN RMS
PhV.phsC.q	MX	Function (Get_Common_Quality())
PhV.phsC.t	MX	AUTO_TIME
PhV.phsC.db	CF	AUTO_DEADBAND_MX
PhV.phsC.units.SIUnit	CF	[02 29] - VCN RMS
PhV.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
PhV.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
PhV.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
PhV.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PhV.phsC.rangeC.lLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
PhV.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhV.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A.phsA.cVal.mag.f	MX	[02 10] - IA RMS
A.phsA.q	MX	Function (Get_Common_Quality())
A.phsA.t	MX	AUTO_TIME
A.phsA.db	CF	AUTO_DEADBAND_MX
A.phsA.units.SIUnit	CF	[02 10] - IA RMS
A.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
A.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A.phsB.cVal.mag.f	MX	[02 11] - IB RMS
A.phsB.q	MX	Function (Get_Common_Quality())
A.phsB.t	MX	AUTO_TIME
A.phsB.db	CF	AUTO_DEADBAND_MX
A.phsB.units.SIUnit	CF	[02 11] - IB RMS
A.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
A.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
A.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
A.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A.phsC.cVal.mag.f	MX	[02 12] - IC RMS
A.phsC.q	MX	Function (Get_Common_Quality())
A.phsC.t	MX	AUTO_TIME
A.phsC.db	CF	AUTO_DEADBAND_MX
A.phsC.units.SIUnit	CF	[02 12] - IC RMS
A.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
A.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
A.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
A.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT

3.15

Logical Node: PriRodMSTA1

Description: Primary Rolling demand measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1

Attribute	FC	Source
NamPlt.d	DC	FIXED_STRING
NamPlt.InNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
PhApPwr.phsA.cVal.mag.f	MX	[03 1D] - IA Roll Demand
PhApPwr.phsA.q	MX	Function (Get_Common_Quality())
PhApPwr.phsA.t	MX	AUTO_TIME
PhApPwr.phsA.db	CF	AUTO_DEADBAND_MX
PhApPwr.phsA.units.SIUnit	CF	[03 1D] - IA Roll Demand
PhApPwr.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
PhApPwr.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.llLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsB.cVal.mag.f	MX	[03 1E] - IB Roll Demand
PhApPwr.phsB.q	MX	Function (Get_Common_Quality())
PhApPwr.phsB.t	MX	AUTO_TIME
PhApPwr.phsB.units.SIUnit	CF	[03 1E] - IB Roll Demand
PhApPwr.phsB.db	CF	AUTO_DEADBAND_MX
PhApPwr.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
PhApPwr.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.llLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsC.cVal.mag.f	MX	[03 1F] - IC Roll Demand
PhApPwr.phsC.q	MX	Function (Get_Common_Quality())
PhApPwr.phsC.t	MX	AUTO_TIME
PhApPwr.phsC.units.SIUnit	CF	[03 1F] - IC Roll Demand

Attribute	FC	Source
PhApPwr.phsC.db	CF	AUTO_DEADBAND_MX
PhApPwr.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
PhApPwr.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
TotPwr.mag.f	MX	[03 1B] - 3 Ph W Roll Dem
TotPwr.q	MX	Function (Get_Common_Quality())
TotPwr.t	MX	AUTO_TIME
TotPwr.units.SIUnit	CF	[03 1B] - 3 Ph W Roll Dem
TotPwr.units.multiplier	CF	AUTO_VARIABLE_INT
TotPwr.db	CF	AUTO_DEADBAND_MX
TotPwr.rangeC.hhLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.hLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
TotPwr.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
TotPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
TotRtPwr.mag.f	MX	[03 1C] - 3Ph VArS RollDem
TotRtPwr.q	MX	Function (Get_Common_Quality())
TotRtPwr.t	MX	AUTO_TIME
TotRtPwr.units.SIUnit	CF	[03 1C] - 3Ph VArS RollDem
TotRtPwr.units.multiplier	CF	AUTO_VARIABLE_INT
TotRtPwr.db	CF	AUTO_DEADBAND_MX
TotRtPwr.rangeC.hhLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.hLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
TotRtPwr.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
TotRtPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.16

Logical Node: PriSenMMXU1

Description: Primary Sensitive power measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC

Attribute	FC	Source
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
A.phsA.cVal.mag.f	MX	[02 0B] - Isen Magnitude
A.phsA.cVal.ang.f	MX	[02 0C] - Isen Angle
A.phsA.q	MX	Function (Get_Common_Quality())
A.phsA.t	MX	AUTO_TIME
A.phsA.db	CF	AUTO_DEADBAND_MX
A.phsA.units.SIUnit	CF	[02 0B] - Isen Magnitude
A.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
A.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PwrAng.mag.f	MX	[04 22] - Aph Power Angle
VArs.mag.f	MX	[04 21] - Aph Sen VArS
VArs.q	MX	Function (Get_Common_Quality())
PwrAng.q	MX	Function (Get_Common_Quality())
VArs.t	MX	AUTO_TIME
PwrAng.t	MX	AUTO_TIME
PwrAng.units.SIUnit	CF	[04 22] - Aph Power Angle
VArs.units.SIUnit	CF	[04 21] - Aph Sen VArS
PwrAng.units.multiplier	CF	AUTO_VARIABLE_INT
VArs.units.multiplier	CF	AUTO_VARIABLE_INT
VArs.db	CF	AUTO_DEADBAND_MX
PwrAng.db	CF	AUTO_DEADBAND_MX
W.res.cVal.mag.f	MX	[04 20] - Aph Sen Watts
VArs.rangeC.hhLim.f	CF	FIXED_FLOAT
PwrAng.rangeC.hhLim.f	CF	FIXED_FLOAT
W.res.q	MX	Function (Get_Common_Quality())
VArs.rangeC.hLim.f	CF	FIXED_FLOAT
PwrAng.rangeC.hLim.f	CF	FIXED_FLOAT
PwrAng.rangeC.lLim.f	CF	FIXED_FLOAT
VArs.rangeC.lLim.f	CF	FIXED_FLOAT
W.res.t	MX	AUTO_TIME
VArs.rangeC.lLim.f	CF	FIXED_FLOAT
PwrAng.rangeC.lLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
W.res.db	CF	AUTO_DEADBAND_MX
W.res.units.SIUnit	CF	[04 20] - Aph Sen Watts
PwrAng.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VArs.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
W.res.units.multiplier	CF	AUTO_VARIABLE_INT
W.res.rangeC.hhLim.f	CF	FIXED_FLOAT
VArs.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PwrAng.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
W.res.rangeC.hLim.f	CF	FIXED_FLOAT
W.res.rangeC.lLim.f	CF	FIXED_FLOAT
W.res.rangeC.lLim.f	CF	FIXED_FLOAT
W.res.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
W.res.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PwrAng.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
VArs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.17

Logical Node: PriSeqMSQI1**Description:** Primary Sequence measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
SeqA.c1.cVal.mag.f	MX	[02 40] - I1 Magnitude
SeqA.c1.cVal.ang.f	MX	[02 41] - I1 Phase Angle
SeqA.c1.q	MX	Function (Get_Common_Quality())
SeqA.c1.t	MX	AUTO_TIME
SeqA.c1.db	CF	AUTO_DEADBAND_MX
SeqA.c1.units.SIUnit	CF	[02 40] - I1 Magnitude
SeqA.c1.units.multiplier	CF	AUTO_VARIABLE_INT
SeqA.c1.rangeC.hhLim.f	CF	FIXED_FLOAT
SeqA.c1.rangeC.hLim.f	CF	FIXED_FLOAT
SeqA.c1.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c1.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c1.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT

Attribute	FC	Source
SeqA.c1.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c2.cVal.mag.f	MX	[02 42] - I2 Magnitude
SeqA.c2.cVal.ang.f	MX	[02 43] - I2 Phase Angle
SeqA.c2.q	MX	Function (Get_Common_Quality())
SeqA.c2.t	MX	AUTO_TIME
SeqA.c2.db	CF	AUTO_DEADBAND_MX
SeqA.c2.units.SIUnit	CF	[02 42] - I2 Magnitude
SeqA.c2.units.multiplier	CF	AUTO_VARIABLE_INT
SeqA.c2.rangeC.hhLim.f	CF	FIXED_FLOAT
SeqA.c2.rangeC.hLim.f	CF	FIXED_FLOAT
SeqA.c2.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c2.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c2.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c2.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c3.cVal.mag.f	MX	[02 44] - I0 Magnitude
SeqA.c3.cVal.ang.f	MX	[02 45] - I0 Phase Angle
SeqA.c3.q	MX	Function (Get_Common_Quality())
SeqA.c3.t	MX	AUTO_TIME
SeqA.c3.db	CF	AUTO_DEADBAND_MX
SeqA.c3.units.SIUnit	CF	[02 44] - I0 Magnitude
SeqA.c3.units.multiplier	CF	AUTO_VARIABLE_INT
SeqA.c3.rangeC.hhLim.f	CF	FIXED_FLOAT
SeqA.c3.rangeC.hLim.f	CF	FIXED_FLOAT
SeqA.c3.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c3.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c3.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c3.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
SeqA.seqT	MX	FIXED_NUMERIC
SeqV.c1.cVal.mag.f	MX	[02 46] - V1 Magnitude
SeqV.c1.cVal.ang.f	MX	[02 47] - V1 Phase Angle
SeqV.c1.q	MX	Function (Get_Common_Quality())
SeqV.c1.t	MX	AUTO_TIME
SeqV.c1.db	CF	AUTO_DEADBAND_MX
SeqV.c1.units.SIUnit	CF	[02 46] - V1 Magnitude
SeqV.c1.units.multiplier	CF	AUTO_VARIABLE_INT
SeqV.c1.rangeC.hhLim.f	CF	FIXED_FLOAT
SeqV.c1.rangeC.hLim.f	CF	FIXED_FLOAT
SeqV.c1.rangeC.lLim.f	CF	FIXED_FLOAT
SeqV.c1.rangeC.lLim.f	CF	FIXED_FLOAT
SeqV.c1.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
SeqV.c1.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
SeqV.c2.cVal.mag.f	MX	[02 48] - V2 Magnitude
SeqV.c2.cVal.ang.f	MX	[02 49] - V2 Phase Angle
SeqV.c2.q	MX	Function (Get_Common_Quality())

Attribute	FC	Source
SeqV.c2.t	MX	AUTO_TIME
SeqV.c2.units.SIUnit	CF	[02 48] - V2 Magnitude
SeqV.c2.db	CF	AUTO_DEADBAND_MX
SeqV.c2.units.multiplier	CF	AUTO_VARIABLE_INT
SeqV.c2.rangeC.hhLim.f	CF	FIXED_FLOAT
SeqV.c2.rangeC.hLim.f	CF	FIXED_FLOAT
SeqV.c2.rangeC.lLim.f	CF	FIXED_FLOAT
SeqV.c2.rangeC.lLim.f	CF	FIXED_FLOAT
SeqV.c2.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
SeqV.c2.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
SeqV.c3.cVal.mag.f	MX	[02 4A] - V0 Magnitude
SeqV.c3.cVal.ang.f	MX	[02 4B] - V0 Phase Angle
SeqV.c3.q	MX	Function (Get_Common_Quality())
SeqV.c3.t	MX	AUTO_TIME
SeqV.c3.db	CF	AUTO_DEADBAND_MX
SeqV.c3.units.SIUnit	CF	[02 4A] - V0 Magnitude
SeqV.c3.units.multiplier	CF	AUTO_VARIABLE_INT
SeqV.c3.rangeC.hhLim.f	CF	FIXED_FLOAT
SeqV.c3.rangeC.hLim.f	CF	FIXED_FLOAT
SeqV.c3.rangeC.lLim.f	CF	FIXED_FLOAT
SeqV.c3.rangeC.lLim.f	CF	FIXED_FLOAT
SeqV.c3.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
SeqV.c3.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
SeqV.seqT	MX	FIXED_NUMERIC

3.18

Logical Node: PriSeqMSQI2**Description:** Primary Sequence measurements for CT2(only include seqA)

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctIModel	CF	AUTO_CONTROL_MODEL
SeqA.c1.cVal.mag.f	MX	[04 9D] - CT2 I1 Mag
SeqA.c1.cVal.ang.f	MX	[04 9E] - CT2 I1 Angle
SeqA.c1.q	MX	Function (Get_Common_Quality())

Attribute	FC	Source
SeqA.c1.t	MX	AUTO_TIME
SeqA.c1.db	CF	AUTO_DEADBAND_MX
SeqA.c1.units.SIUnit	CF	[04 9D] - CT2 I1 Mag
SeqA.c1.units.multiplier	CF	AUTO_VARIABLE_INT
SeqA.c1.rangeC.hhLim.f	CF	FIXED_FLOAT
SeqA.c1.rangeC.hLim.f	CF	FIXED_FLOAT
SeqA.c1.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c1.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c1.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c1.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c2.cVal.mag.f	MX	[04 9F] - CT2 I2 Mag
SeqA.c2.cVal.ang.f	MX	[04 A0] - CT2 I2 Angle
SeqA.c2.q	MX	Function (Get_Common_Quality())
SeqA.c2.t	MX	AUTO_TIME
SeqA.c2.db	CF	AUTO_DEADBAND_MX
SeqA.c2.units.SIUnit	CF	[04 9F] - CT2 I2 Mag
SeqA.c2.units.multiplier	CF	AUTO_VARIABLE_INT
SeqA.c2.rangeC.hhLim.f	CF	FIXED_FLOAT
SeqA.c2.rangeC.hLim.f	CF	FIXED_FLOAT
SeqA.c2.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c2.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c2.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c2.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c3.cVal.mag.f	MX	[04 A1] - CT2 I0 Mag
SeqA.c3.cVal.ang.f	MX	[04 A2] - CT2 I0 Angle
SeqA.c3.q	MX	Function (Get_Common_Quality())
SeqA.c3.t	MX	AUTO_TIME
SeqA.c3.db	CF	AUTO_DEADBAND_MX
SeqA.c3.units.SIUnit	CF	[04 A1] - CT2 I0 Mag
SeqA.c3.units.multiplier	CF	AUTO_VARIABLE_INT
SeqA.c3.rangeC.hhLim.f	CF	FIXED_FLOAT
SeqA.c3.rangeC.hLim.f	CF	FIXED_FLOAT
SeqA.c3.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c3.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c3.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c3.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
SeqA.seqT	MX	FIXED_NUMERIC
CT1Ratio.mag.f	MX	[04 A3] - CT1 I2/I1
CT1Ratio.q	MX	Function (Get_Common_Quality())
CT1Ratio.t	MX	AUTO_TIME
CT1Ratio.units.SIUnit	CF	FIXED_NUMERIC
CT1Ratio.units.multiplier	CF	AUTO_VARIABLE_INT
CT1Ratio.db	CF	AUTO_DEADBAND_MX
CT1Ratio.rangeC.hhLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
CT1Ratio.rangeC.hLim.f	CF	FIXED_FLOAT
CT1Ratio.rangeC.lLim.f	CF	FIXED_FLOAT
CT1Ratio.rangeC.lLim.f	CF	FIXED_FLOAT
CT1Ratio.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
CT1Ratio.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
CT1Ratio.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
CT2Ratio.mag.f	MX	[04 A4] - CT2 I2/I1
CT2Ratio.q	MX	Function (Get_Common_Quality())
CT2Ratio.t	MX	AUTO_TIME
CT2Ratio.units.SIUnit	CF	FIXED_NUMERIC
CT2Ratio.units.multiplier	CF	AUTO_VARIABLE_INT
CT2Ratio.db	CF	AUTO_DEADBAND_MX
CT2Ratio.rangeC.hhLim.f	CF	FIXED_FLOAT
CT2Ratio.rangeC.hLim.f	CF	FIXED_FLOAT
CT2Ratio.rangeC.lLim.f	CF	FIXED_FLOAT
CT2Ratio.rangeC.lLim.f	CF	FIXED_FLOAT
CT2Ratio.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
CT2Ratio.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
CT2Ratio.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.19

Logical Node: PriStdMMXU1

Description: Primary Standard Measurements all except P341

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
RelBiasA.mag.f	MX	[04 0E] - IREF Bias
RelBiasA.q	MX	Function (Get_Common_Quality())
RelBiasA.t	MX	AUTO_TIME
RelBiasA.units.SIUnit	CF	[04 0E] - IREF Bias
RelBiasA.units.multiplier	CF	AUTO_VARIABLE_INT
RelBiasA.db	CF	AUTO_DEADBAND_MX
RelBiasA.rangeC.hhLim.f	CF	FIXED_FLOAT
RelBiasA.rangeC.hLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
RelBiasA.rangeC.lLim.f	CF	FIXED_FLOAT
RelBiasA.rangeC.lLim.f	CF	FIXED_FLOAT
RelBiasA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
RelBiasA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
RelBiasA.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
RelDifA.mag.f	MX	[04 0D] - IREF Diff
RelDifA.q	MX	Function (Get_Common_Quality())
RelDifA.t	MX	AUTO_TIME
RelDifA.units.SIUnit	CF	[04 0D] - IREF Diff
RelDifA.units.multiplier	CF	AUTO_VARIABLE_INT
RelDifA.db	CF	AUTO_DEADBAND_MX
RelDifA.rangeC.hhLim.f	CF	FIXED_FLOAT
RelDifA.rangeC.hLim.f	CF	FIXED_FLOAT
RelDifA.rangeC.lLim.f	CF	FIXED_FLOAT
RelDifA.rangeC.lLim.f	CF	FIXED_FLOAT
RelDifA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
RelDifA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
RelDifA.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
VN.res.cVal.mag.f	MX	[02 20] - VN Measured Mag
VN.res.cVal.ang.f	MX	[02 21] - VN Measured Ang
VN.res.q	MX	Function (Get_Common_Quality())
VN.res.t	MX	AUTO_TIME
VN.res.db	CF	AUTO_DEADBAND_MX
VN.res.units.SIUnit	CF	[02 20] - VN Measured Mag
VN.res.units.multiplier	CF	AUTO_VARIABLE_INT
VN.res.rangeC.hhLim.f	CF	FIXED_FLOAT
VN.res.rangeC.hLim.f	CF	FIXED_FLOAT
VN.res.rangeC.lLim.f	CF	FIXED_FLOAT
VN.res.rangeC.lLim.f	CF	FIXED_FLOAT
VN.res.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VN.res.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VN.d	DC	[02 20] - VN Measured Mag
VN.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.20

Logical Node: PriStdMMXU2**Description:** Primary Standard measurements - second CTs, No VN2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC

Attribute	FC	Source
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Ct2A.phsA.cVal.mag.f	MX	[04 01] - IA-2 Magnitude
Ct2A.phsA.q	MX	Function (Get_Common_Quality())
Ct2A.phsA.t	MX	AUTO_TIME
Ct2A.phsA.db	CF	AUTO_DEADBAND_MX
Ct2A.phsA.units.SIUnit	CF	[04 01] - IA-2 Magnitude
Ct2A.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
Ct2A.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
Ct2A.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
Ct2A.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2A.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2A.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Ct2A.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
Ct2A.phsB.cVal.mag.f	MX	[04 03] - IB-2 Magnitude
Ct2A.phsB.q	MX	Function (Get_Common_Quality())
Ct2A.phsB.t	MX	AUTO_TIME
Ct2A.phsB.units.SIUnit	CF	[04 03] - IB-2 Magnitude
Ct2A.phsB.db	CF	AUTO_DEADBAND_MX
Ct2A.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
Ct2A.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
Ct2A.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
Ct2A.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2A.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2A.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Ct2A.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
Ct2A.phsC.cVal.mag.f	MX	[04 05] - IC-2 Magnitude
Ct2A.phsC.q	MX	Function (Get_Common_Quality())
Ct2A.phsC.t	MX	AUTO_TIME
Ct2A.phsC.db	CF	AUTO_DEADBAND_MX
Ct2A.phsC.units.SIUnit	CF	[04 05] - IC-2 Magnitude
Ct2A.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
Ct2A.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
Ct2A.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
Ct2A.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2A.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2A.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Ct2A.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
Ct2A.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
Ct2Ang.phsA.cVal.mag.f	MX	[04 02] - IA-2 Phase Angle

Attribute	FC	Source
Ct2Ang.phsA.q	MX	Function (Get_Common_Quality())
Ct2Ang.phsA.t	MX	AUTO_TIME
Ct2Ang.phsA.units.SIUnit	CF	[04 02] - IA-2 Phase Angle
Ct2Ang.phsA.db	CF	AUTO_DEADBAND_MX
Ct2Ang.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
Ct2Ang.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
Ct2Ang.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
Ct2Ang.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2Ang.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2Ang.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Ct2Ang.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
Ct2Ang.phsB.cVal.mag.f	MX	[04 04] - IB-2 Phase Angle
Ct2Ang.phsB.q	MX	Function (Get_Common_Quality())
Ct2Ang.phsB.t	MX	AUTO_TIME
Ct2Ang.phsB.units.SIUnit	CF	[04 04] - IB-2 Phase Angle
Ct2Ang.phsB.db	CF	AUTO_DEADBAND_MX
Ct2Ang.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
Ct2Ang.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
Ct2Ang.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
Ct2Ang.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2Ang.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2Ang.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Ct2Ang.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
Ct2Ang.phsC.cVal.mag.f	MX	[04 06] - IC-2 Phase Angle
Ct2Ang.phsC.q	MX	Function (Get_Common_Quality())
Ct2Ang.phsC.t	MX	AUTO_TIME
Ct2Ang.phsC.units.SIUnit	CF	[04 06] - IC-2 Phase Angle
Ct2Ang.phsC.db	CF	AUTO_DEADBAND_MX
Ct2Ang.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
Ct2Ang.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
Ct2Ang.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
Ct2Ang.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2Ang.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2Ang.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Ct2Ang.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
Ct2Ang.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.21

Logical Node: PriVhzMMXU1**Description:** Primary Volts/Hz Measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	FIXED_NUMERIC

Attribute	FC	Source
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	FIXED_NUMERIC
VHz.mag.f	MX	[04 50] - Volts/Hz
VHz.q	MX	Function (Get_Common_Quality())
VHz.t	MX	AUTO_TIME
VHz.units.SIUnit	CF	[04 50] - Volts/Hz
VHz.units.multiplier	CF	AUTO_VARIABLE_INT
VHz.db	CF	AUTO_DEADBAND_MX
VHz.rangeC.hhLim.f	CF	FIXED_FLOAT
VHz.rangeC.hLim.f	CF	FIXED_FLOAT
VHz.rangeC.lLim.f	CF	FIXED_FLOAT
VHz.rangeC.lLim.f	CF	FIXED_FLOAT
VHz.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VHz.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VHz.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.22

Logical Node: RtdGGIO1

Description: RTD temperature measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
AnIn1.mag.f	MX	[04 12] - RTD 1
AnIn1.q	MX	Function (Get_Common_Quality())
AnIn1.t	MX	AUTO_TIME
AnIn1.db	CF	AUTO_DEADBAND_MX
AnIn1.units.SIUnit	CF	[04 12] - RTD 1

Attribute	FC	Source
AnIn1.units.multiplier	CF	AUTO_VARIABLE_INT
AnIn1.rangeC.hhLim.f	CF	FIXED_FLOAT
AnIn1.rangeC.hLim.f	CF	FIXED_FLOAT
AnIn1.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn1.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn1.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AnIn1.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AnIn1.d	DC	[04 12] - RTD 1
AnIn2.mag.f	MX	[04 13] - RTD 2
AnIn2.q	MX	Function (Get_Common_Quality())
AnIn2.t	MX	AUTO_TIME
AnIn2.db	CF	AUTO_DEADBAND_MX
AnIn2.units.SIUnit	CF	[04 13] - RTD 2
AnIn2.units.multiplier	CF	AUTO_VARIABLE_INT
AnIn2.rangeC.hhLim.f	CF	FIXED_FLOAT
AnIn2.rangeC.hLim.f	CF	FIXED_FLOAT
AnIn2.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn2.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn2.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AnIn2.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AnIn2.d	DC	[04 13] - RTD 2
AnIn3.mag.f	MX	[04 14] - RTD 3
AnIn3.q	MX	Function (Get_Common_Quality())
AnIn3.t	MX	AUTO_TIME
AnIn3.db	CF	AUTO_DEADBAND_MX
AnIn3.units.SIUnit	CF	[04 14] - RTD 3
AnIn3.units.multiplier	CF	AUTO_VARIABLE_INT
AnIn3.rangeC.hhLim.f	CF	FIXED_FLOAT
AnIn3.rangeC.hLim.f	CF	FIXED_FLOAT
AnIn3.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn3.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn3.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AnIn3.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AnIn3.d	DC	[04 14] - RTD 3
AnIn4.mag.f	MX	[04 15] - RTD 4
AnIn4.q	MX	Function (Get_Common_Quality())
AnIn4.t	MX	AUTO_TIME
AnIn4.db	CF	AUTO_DEADBAND_MX
AnIn4.units.SIUnit	CF	[04 15] - RTD 4
AnIn4.units.multiplier	CF	AUTO_VARIABLE_INT
AnIn4.rangeC.hhLim.f	CF	FIXED_FLOAT
AnIn4.rangeC.hLim.f	CF	FIXED_FLOAT
AnIn4.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn4.rangeC.lLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
AnIn4.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AnIn4.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AnIn4.d	DC	[04 15] - RTD 4
AnIn5.mag.f	MX	[04 16] - RTD 5
AnIn5.q	MX	Function (Get_Common_Quality())
AnIn5.t	MX	AUTO_TIME
AnIn5.db	CF	AUTO_DEADBAND_MX
AnIn5.units.SIUnit	CF	[04 16] - RTD 5
AnIn5.units.multiplier	CF	AUTO_VARIABLE_INT
AnIn5.rangeC.hhLim.f	CF	FIXED_FLOAT
AnIn5.rangeC.hLim.f	CF	FIXED_FLOAT
AnIn5.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn5.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn5.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AnIn5.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AnIn5.d	DC	[04 16] - RTD 5
AnIn6.mag.f	MX	[04 17] - RTD 6
AnIn6.q	MX	Function (Get_Common_Quality())
AnIn6.t	MX	AUTO_TIME
AnIn6.db	CF	AUTO_DEADBAND_MX
AnIn6.units.SIUnit	CF	[04 17] - RTD 6
AnIn6.units.multiplier	CF	AUTO_VARIABLE_INT
AnIn6.rangeC.hhLim.f	CF	FIXED_FLOAT
AnIn6.rangeC.hLim.f	CF	FIXED_FLOAT
AnIn6.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn6.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn6.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AnIn6.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AnIn6.d	DC	[04 17] - RTD 6
AnIn7.mag.f	MX	[04 18] - RTD 7
AnIn7.q	MX	Function (Get_Common_Quality())
AnIn7.t	MX	AUTO_TIME
AnIn7.db	CF	AUTO_DEADBAND_MX
AnIn7.units.SIUnit	CF	[04 18] - RTD 7
AnIn7.units.multiplier	CF	AUTO_VARIABLE_INT
AnIn7.rangeC.hhLim.f	CF	FIXED_FLOAT
AnIn7.rangeC.hLim.f	CF	FIXED_FLOAT
AnIn7.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn7.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn7.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AnIn7.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AnIn7.d	DC	[04 18] - RTD 7
AnIn8.mag.f	MX	[04 19] - RTD 8
AnIn8.q	MX	Function (Get_Common_Quality())

Attribute	FC	Source
AnIn8.t	MX	AUTO_TIME
AnIn8.db	CF	AUTO_DEADBAND_MX
AnIn8.units.SIUnit	CF	[04 19] - RTD 8
AnIn8.units.multiplier	CF	AUTO_VARIABLE_INT
AnIn8.rangeC.hhLim.f	CF	FIXED_FLOAT
AnIn8.rangeC.hLim.f	CF	FIXED_FLOAT
AnIn8.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn8.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn8.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AnIn8.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AnIn8.d	DC	[04 19] - RTD 8
AnIn9.mag.f	MX	[04 1A] - RTD 9
AnIn9.q	MX	Function (Get_Common_Quality())
AnIn9.t	MX	AUTO_TIME
AnIn9.db	CF	AUTO_DEADBAND_MX
AnIn9.units.SIUnit	CF	[04 1A] - RTD 9
AnIn9.units.multiplier	CF	AUTO_VARIABLE_INT
AnIn9.rangeC.hhLim.f	CF	FIXED_FLOAT
AnIn9.rangeC.hLim.f	CF	FIXED_FLOAT
AnIn9.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn9.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn9.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AnIn9.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AnIn9.d	DC	[04 1A] - RTD 9
AnIn10.mag.f	MX	[04 1B] - RTD 10
AnIn10.q	MX	Function (Get_Common_Quality())
AnIn10.t	MX	AUTO_TIME
AnIn10.db	CF	AUTO_DEADBAND_MX
AnIn10.units.SIUnit	CF	[04 1B] - RTD 10
AnIn10.units.multiplier	CF	AUTO_VARIABLE_INT
AnIn10.rangeC.hhLim.f	CF	FIXED_FLOAT
AnIn10.rangeC.hLim.f	CF	FIXED_FLOAT
AnIn10.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn10.rangeC.lLim.f	CF	FIXED_FLOAT
AnIn10.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AnIn10.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AnIn10.d	DC	[04 1B] - RTD 10

3.23

Logical Node: RtrLfIMMXU1**Description:** Rotor EF Measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING

Attribute	FC	Source
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
CLl.mag.f	MX	[04 71] - 64R CL Input
CLl.q	MX	Function (Get_Common_Quality())
CLl.t	MX	AUTO_TIME
CLl.units.SIUnit	CF	[04 71] - 64R CL Input
CLl.units.multiplier	CF	AUTO_VARIABLE_INT
CLl.db	CF	AUTO_DEADBAND_MX
CLl.rangeC.hhLim.f	CF	FIXED_FLOAT
CLl.rangeC.hLim.f	CF	FIXED_FLOAT
CLl.rangeC.lLim.f	CF	FIXED_FLOAT
CLl.rangeC.lLim.f	CF	FIXED_FLOAT
CLl.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
CLl.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
CLl.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
R.mag.f	MX	[04 72] - 64R R Fault
R.q	MX	Function (Get_Common_Quality())
R.t	MX	AUTO_TIME
R.units.SIUnit	CF	[04 72] - 64R R Fault
R.units.multiplier	CF	AUTO_VARIABLE_INT
R.db	CF	AUTO_DEADBAND_MX
R.rangeC.hhLim.f	CF	FIXED_FLOAT
R.rangeC.hLim.f	CF	FIXED_FLOAT
R.rangeC.lLim.f	CF	FIXED_FLOAT
R.rangeC.lLim.f	CF	FIXED_FLOAT
R.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
R.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
R.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.24

Logical Node: SecCsvMMXU1

Description: Secondary C/S Measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())

Attribute	FC	Source
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
CSVol.res.cVal.mag.f	MX	[02 70] - C/S Voltage Mag
CSVol.res.cVal.ang.f	MX	[02 71] - C/S Voltage Ang
CSVol.res.q	MX	Function (Get_Common_Quality())
CSVol.res.t	MX	AUTO_TIME
CSVol.res.units.SIUnit	CF	[02 70] - C/S Voltage Mag
CSVol.res.db	CF	AUTO_DEADBAND_MX
CSVol.res.units.multiplier	CF	AUTO_VARIABLE_INT
CSVol.res.rangeC.hhLim.f	CF	FIXED_FLOAT
CSVol.res.rangeC.hLim.f	CF	FIXED_FLOAT
CSVol.res.rangeC.lLim.f	CF	FIXED_FLOAT
CSVol.res.rangeC.lLim.f	CF	FIXED_FLOAT
CSVol.res.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
CSVol.res.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
CSVol.d	DC	[02 70] - C/S Voltage Mag
CSVol.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.25

Logical Node: SecFouMMXU1**Description:** Secondary Fourier derived measurands

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Hz.mag.f	MX	[02 2D] - Frequency
Hz.q	MX	Function (Get_Freq_Quality())
Hz.t	MX	AUTO_TIME

Attribute	FC	Source
Hz.db	CF	AUTO_DEADBAND_MX
Hz.units.SIUnit	CF	[02 2D] - Frequency
Hz.units.multiplier	CF	AUTO_VARIABLE_INT
Hz.rangeC.hhLim.f	CF	FIXED_FLOAT
Hz.rangeC.hLim.f	CF	FIXED_FLOAT
Hz.rangeC.lLim.f	CF	FIXED_FLOAT
Hz.rangeC.lLim.f	CF	FIXED_FLOAT
Hz.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Hz.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PPV.phsAB.cVal.mag.f	MX	[02 14] - VAB Magnitude
PPV.phsAB.q	MX	Function (Get_Common_Quality())
PPV.phsAB.t	MX	AUTO_TIME
PPV.phsAB.db	CF	AUTO_DEADBAND_MX
PPV.phsAB.units.SIUnit	CF	FIXED_NUMERIC
PPV.phsAB.units.multiplier	CF	AUTO_VARIABLE_INT
PPV.phsAB.rangeC.hhLim.f	CF	FIXED_FLOAT
PPV.phsAB.rangeC.hLim.f	CF	FIXED_FLOAT
PPV.phsAB.rangeC.lLim.f	CF	FIXED_FLOAT
PPV.phsAB.rangeC.lLim.f	CF	FIXED_FLOAT
PPV.phsAB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PPV.phsAB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PPV.phsBC.cVal.mag.f	MX	[02 16] - VBC Magnitude
PPV.phsBC.q	MX	Function (Get_Common_Quality())
PPV.phsBC.t	MX	AUTO_TIME
PPV.phsBC.db	CF	AUTO_DEADBAND_MX
PPV.phsBC.units.SIUnit	CF	FIXED_NUMERIC
PPV.phsBC.units.multiplier	CF	AUTO_VARIABLE_INT
PPV.phsBC.rangeC.hhLim.f	CF	FIXED_FLOAT
PPV.phsBC.rangeC.hLim.f	CF	FIXED_FLOAT
PPV.phsBC.rangeC.lLim.f	CF	FIXED_FLOAT
PPV.phsBC.rangeC.lLim.f	CF	FIXED_FLOAT
PPV.phsBC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PPV.phsBC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PPV.phsCA.cVal.mag.f	MX	[02 18] - VCA Magnitude
PPV.phsCA.q	MX	Function (Get_Common_Quality())
PPV.phsCA.t	MX	AUTO_TIME
PPV.phsCA.units.SIUnit	CF	FIXED_NUMERIC
PPV.phsCA.db	CF	AUTO_DEADBAND_MX
PPV.phsCA.units.multiplier	CF	AUTO_VARIABLE_INT
PPV.phsCA.rangeC.hhLim.f	CF	FIXED_FLOAT
PPV.phsCA.rangeC.hLim.f	CF	FIXED_FLOAT
PPV.phsCA.rangeC.lLim.f	CF	FIXED_FLOAT
PPV.phsCA.rangeC.lLim.f	CF	FIXED_FLOAT
PPV.phsCA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT

Attribute	FC	Source
PPV.phsCA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A.phsA.cVal.mag.f	MX	[02 01] - IA-1 Magnitude
A.phsA.q	MX	Function (Get_Common_Quality())
A.phsA.t	MX	AUTO_TIME
A.phsA.db	CF	AUTO_DEADBAND_MX
A.phsA.units.SIUnit	CF	FIXED_NUMERIC
A.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
A.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A.phsB.cVal.mag.f	MX	[02 03] - IB-1 Magnitude
A.phsB.q	MX	Function (Get_Common_Quality())
A.phsB.t	MX	AUTO_TIME
A.phsB.db	CF	AUTO_DEADBAND_MX
A.phsB.units.SIUnit	CF	FIXED_NUMERIC
A.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
A.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
A.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
A.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A.phsC.cVal.mag.f	MX	[02 05] - IC-1 Magnitude
A.phsC.q	MX	Function (Get_Common_Quality())
A.phsC.t	MX	AUTO_TIME
A.phsC.units.SIUnit	CF	FIXED_NUMERIC
A.phsC.db	CF	AUTO_DEADBAND_MX
A.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
A.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
A.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
A.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
W.phsA.cVal.mag.f	MX	[03 01] - A Phase Watts
W.phsA.q	MX	Function (Get_Common_Quality())
W.phsA.t	MX	AUTO_TIME
W.phsA.units.SIUnit	CF	[03 01] - A Phase Watts
W.phsA.db	CF	AUTO_DEADBAND_MX
W.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
W.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
W.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
W.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
W.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
W.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
W.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
W.phsB.cVal.mag.f	MX	[03 02] - B Phase Watts
W.phsB.q	MX	Function (Get_Common_Quality())
W.phsB.t	MX	AUTO_TIME
W.phsB.db	CF	AUTO_DEADBAND_MX
W.phsB.units.SIUnit	CF	[03 02] - B Phase Watts
W.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
W.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
W.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
W.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
W.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
W.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
W.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
W.phsC.cVal.mag.f	MX	[03 03] - C Phase Watts
W.phsC.q	MX	Function (Get_Common_Quality())
W.phsC.t	MX	AUTO_TIME
W.phsC.db	CF	AUTO_DEADBAND_MX
W.phsC.units.SIUnit	CF	[03 03] - C Phase Watts
W.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
W.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
W.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
W.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
W.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
W.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
W.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VA.phsA.cVal.mag.f	MX	[03 07] - A Phase VA
VA.phsA.q	MX	Function (Get_Common_Quality())
VA.phsA.t	MX	AUTO_TIME
VA.phsA.units.SIUnit	CF	[03 07] - A Phase VA
VA.phsA.db	CF	AUTO_DEADBAND_MX
VA.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
VA.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
VA.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
VA.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
VA.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
VA.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VA.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VA.phsB.cVal.mag.f	MX	[03 08] - B Phase VA
VA.phsB.q	MX	Function (Get_Common_Quality())
VA.phsB.t	MX	AUTO_TIME

Attribute	FC	Source
VA.phsB.db	CF	AUTO_DEADBAND_MX
VA.phsB.units.SIUnit	CF	[03 08] - B Phase VA
VA.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
VA.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
VA.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
VA.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
VA.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
VA.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VA.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VA.phsC.cVal.mag.f	MX	[03 09] - C Phase VA
VA.phsC.q	MX	Function (Get_Common_Quality())
VA.phsC.t	MX	AUTO_TIME
VA.phsC.db	CF	AUTO_DEADBAND_MX
VA.phsC.units.SIUnit	CF	[03 09] - C Phase VA
VA.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
VA.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
VA.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
VA.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
VA.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
VA.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VA.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PF.phsA.cVal.mag.f	MX	[03 0F] - APh Power Factor
PF.phsA.q	MX	Function (Get_Common_Quality())
PF.phsA.t	MX	AUTO_TIME
PF.phsA.units.SIUnit	CF	[03 0F] - APh Power Factor
PF.phsA.db	CF	AUTO_DEADBAND_MX
PF.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
PF.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
PF.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
PF.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
PF.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
PF.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PF.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PF.phsB.cVal.mag.f	MX	[03 10] - BPh Power Factor
PF.phsB.q	MX	Function (Get_Common_Quality())
PF.phsB.t	MX	AUTO_TIME
PF.phsB.units.SIUnit	CF	[03 10] - BPh Power Factor
PF.phsB.db	CF	AUTO_DEADBAND_MX
PF.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
PF.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
PF.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
PF.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PF.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PF.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT

Attribute	FC	Source
PF.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PF.phsC.cVal.mag.f	MX	[03 11] - CPh Power Factor
PF.phsC.q	MX	Function (Get_Common_Quality())
PF.phsC.t	MX	AUTO_TIME
PF.phsC.db	CF	AUTO_DEADBAND_MX
PF.phsC.units.SIUnit	CF	[03 11] - CPh Power Factor
PF.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
PF.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
PF.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
PF.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PF.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PF.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PF.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A1.phsA.cVal.mag.f	MX	[02 07] - IN Measured Mag
A1.phsA.cVal.ang.f	MX	[02 08] - IN Measured Ang
A1.phsA.q	MX	Function (Get_Common_Quality())
A1.phsA.t	MX	AUTO_TIME
A1.phsA.db	CF	AUTO_DEADBAND_MX
A1.phsA.units.SIUnit	CF	[02 07] - IN Measured Mag
A1.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
A1.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
A1.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
A1.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
A1.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
A1.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A1.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A1.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
A2.res.cVal.mag.f	MX	[02 09] - IN-1 Derived Mag
A2.res.q	MX	Function (Get_Common_Quality())
A2.res.t	MX	AUTO_TIME
A2.res.db	CF	AUTO_DEADBAND_MX
A2.res.units.SIUnit	CF	[02 09] - IN-1 Derived Mag
A2.res.units.multiplier	CF	AUTO_VARIABLE_INT
A2.res.rangeC.hhLim.f	CF	FIXED_FLOAT
A2.res.rangeC.hLim.f	CF	FIXED_FLOAT
A2.res.rangeC.lLim.f	CF	FIXED_FLOAT
A2.res.rangeC.lLim.f	CF	FIXED_FLOAT
A2.res.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A2.res.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A2.d	DC	[02 09] - IN-1 Derived Mag
A2.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
A3.res.cVal.mag.f	MX	[02 13] - IN-2 Derived Mag
A3.res.q	MX	Function (Get_Common_Quality())
A3.res.t	MX	AUTO_TIME

Attribute	FC	Source
A3.res.db	CF	AUTO_DEADBAND_MX
A3.res.units.SIUnit	CF	[02 13] - IN-2 Derived Mag
A3.res.units.multiplier	CF	AUTO_VARIABLE_INT
A3.res.rangeC.hhLim.f	CF	FIXED_FLOAT
A3.res.rangeC.hLim.f	CF	FIXED_FLOAT
A3.res.rangeC.lLim.f	CF	FIXED_FLOAT
A3.res.rangeC.llLim.f	CF	FIXED_FLOAT
A3.res.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A3.res.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A3.d	DC	[02 13] - IN-2 Derived Mag
A3.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
AngA.phsA.cVal.mag.f	MX	[02 02] - IA-1 Phase Angle
AngA.phsA.q	MX	Function (Get_Common_Quality())
AngA.phsA.t	MX	AUTO_TIME
AngA.phsA.db	CF	AUTO_DEADBAND_MX
AngA.phsA.units.SIUnit	CF	[02 02] - IA-1 Phase Angle
AngA.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
AngA.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
AngA.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
AngA.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
AngA.phsA.rangeC.llLim.f	CF	FIXED_FLOAT
AngA.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AngA.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AngA.phsB.cVal.mag.f	MX	[02 04] - IB-1 Phase Angle
AngA.phsB.q	MX	Function (Get_Common_Quality())
AngA.phsB.t	MX	AUTO_TIME
AngA.phsB.units.SIUnit	CF	[02 04] - IB-1 Phase Angle
AngA.phsB.db	CF	AUTO_DEADBAND_MX
AngA.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
AngA.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
AngA.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
AngA.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
AngA.phsB.rangeC.llLim.f	CF	FIXED_FLOAT
AngA.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AngA.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AngA.phsC.cVal.mag.f	MX	[02 06] - IC-1 Phase Angle
AngA.phsC.q	MX	Function (Get_Common_Quality())
AngA.phsC.t	MX	AUTO_TIME
AngA.phsC.db	CF	AUTO_DEADBAND_MX
AngA.phsC.units.SIUnit	CF	[02 06] - IC-1 Phase Angle
AngA.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
AngA.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
AngA.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
AngA.phsC.rangeC.lLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
AngA.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
AngA.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AngA.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AngA.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
AngPPV.phsAB.cVal.mag.f	MX	[02 15] - VAB Phase Angle
AngPPV.phsAB.q	MX	Function (Get_Common_Quality())
AngPPV.phsAB.t	MX	AUTO_TIME
AngPPV.phsAB.units.SIUnit	CF	FIXED_NUMERIC
AngPPV.phsAB.db	CF	AUTO_DEADBAND_MX
AngPPV.phsAB.units.multiplier	CF	AUTO_VARIABLE_INT
AngPPV.phsAB.rangeC.hhLim.f	CF	FIXED_FLOAT
AngPPV.phsAB.rangeC.hLim.f	CF	FIXED_FLOAT
AngPPV.phsAB.rangeC.lLim.f	CF	FIXED_FLOAT
AngPPV.phsAB.rangeC.lLim.f	CF	FIXED_FLOAT
AngPPV.phsAB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AngPPV.phsAB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AngPPV.phsBC.cVal.mag.f	MX	[02 17] - VBC Phase Angle
AngPPV.phsBC.q	MX	Function (Get_Common_Quality())
AngPPV.phsBC.t	MX	AUTO_TIME
AngPPV.phsBC.db	CF	AUTO_DEADBAND_MX
AngPPV.phsBC.units.SIUnit	CF	FIXED_NUMERIC
AngPPV.phsBC.units.multiplier	CF	AUTO_VARIABLE_INT
AngPPV.phsBC.rangeC.hhLim.f	CF	FIXED_FLOAT
AngPPV.phsBC.rangeC.hLim.f	CF	FIXED_FLOAT
AngPPV.phsBC.rangeC.lLim.f	CF	FIXED_FLOAT
AngPPV.phsBC.rangeC.lLim.f	CF	FIXED_FLOAT
AngPPV.phsBC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AngPPV.phsBC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AngPPV.phsCA.cVal.mag.f	MX	[02 19] - VCA Phase Angle
AngPPV.phsCA.q	MX	Function (Get_Common_Quality())
AngPPV.phsCA.t	MX	AUTO_TIME
AngPPV.phsCA.db	CF	AUTO_DEADBAND_MX
AngPPV.phsCA.units.SIUnit	CF	FIXED_NUMERIC
AngPPV.phsCA.units.multiplier	CF	AUTO_VARIABLE_INT
AngPPV.phsCA.rangeC.hhLim.f	CF	FIXED_FLOAT
AngPPV.phsCA.rangeC.hLim.f	CF	FIXED_FLOAT
AngPPV.phsCA.rangeC.lLim.f	CF	FIXED_FLOAT
AngPPV.phsCA.rangeC.lLim.f	CF	FIXED_FLOAT
AngPPV.phsCA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AngPPV.phsCA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AngPPV.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
AngV.phsA.cVal.mag.f	MX	[02 1B] - VAN Phase Angle
AngV.phsA.q	MX	Function (Get_Common_Quality())
AngV.phsA.t	MX	AUTO_TIME

Attribute	FC	Source
AngV.phsA.db	CF	AUTO_DEADBAND_MX
AngV.phsA.units.SIUnit	CF	FIXED_NUMERIC
AngV.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
AngV.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
AngV.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
AngV.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
AngV.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
AngV.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AngV.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AngV.phsB.cVal.mag.f	MX	[02 1D] - VBN Phase Angle
AngV.phsB.q	MX	Function (Get_Common_Quality())
AngV.phsB.t	MX	AUTO_TIME
AngV.phsB.db	CF	AUTO_DEADBAND_MX
AngV.phsB.units.SIUnit	CF	FIXED_NUMERIC
AngV.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
AngV.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
AngV.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
AngV.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
AngV.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
AngV.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AngV.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AngV.phsC.cVal.mag.f	MX	[02 1F] - VCN Phase Angle
AngV.phsC.q	MX	Function (Get_Common_Quality())
AngV.phsC.t	MX	AUTO_TIME
AngV.phsC.db	CF	AUTO_DEADBAND_MX
AngV.phsC.units.SIUnit	CF	FIXED_NUMERIC
AngV.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
AngV.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
AngV.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
AngV.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
AngV.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
AngV.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AngV.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AngV.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
AvgPF.mag.f	MX	[03 0E] - 3Ph Power Factor
AvgPF.q	MX	Function (Get_Common_Quality())
AvgPF.t	MX	AUTO_TIME
AvgPF.units.SIUnit	CF	[03 0E] - 3Ph Power Factor
AvgPF.units.multiplier	CF	AUTO_VARIABLE_INT
AvgPF.db	CF	AUTO_DEADBAND_MX
AvgPF.rangeC.hhLim.f	CF	FIXED_FLOAT
AvgPF.rangeC.hLim.f	CF	FIXED_FLOAT
AvgPF.rangeC.lLim.f	CF	FIXED_FLOAT
AvgPF.rangeC.lLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
AvgPF.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AvgPF.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AvgPF.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
AvgVA.mag.f	MX	[03 0C] - 3 Phase VA
AvgVA.q	MX	Function (Get_Common_Quality())
AvgVA.t	MX	AUTO_TIME
AvgVA.units.SIUnit	CF	[03 0C] - 3 Phase VA
AvgVA.units.multiplier	CF	AUTO_VARIABLE_INT
AvgVA.db	CF	AUTO_DEADBAND_MX
AvgVA.rangeC.hhLim.f	CF	FIXED_FLOAT
AvgVA.rangeC.hLim.f	CF	FIXED_FLOAT
AvgVA.rangeC.lLim.f	CF	FIXED_FLOAT
AvgVA.rangeC.llLim.f	CF	FIXED_FLOAT
AvgVA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AvgVA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AvgVA.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
AvgVAr.s.mag.f	MX	[03 0B] - 3 Phase VAr.s
AvgVAr.s.q	MX	Function (Get_Common_Quality())
AvgVAr.s.t	MX	AUTO_TIME
AvgVAr.s.units.SIUnit	CF	[03 0B] - 3 Phase VAr.s
AvgVAr.s.units.multiplier	CF	AUTO_VARIABLE_INT
AvgVAr.s.db	CF	AUTO_DEADBAND_MX
AvgVAr.s.rangeC.hhLim.f	CF	FIXED_FLOAT
AvgVAr.s.rangeC.hLim.f	CF	FIXED_FLOAT
AvgVAr.s.rangeC.lLim.f	CF	FIXED_FLOAT
AvgVAr.s.rangeC.llLim.f	CF	FIXED_FLOAT
AvgVAr.s.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AvgVAr.s.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AvgVAr.s.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
AvgWatts.mag.f	MX	[03 0A] - 3 Phase Watts
AvgWatts.q	MX	Function (Get_Common_Quality())
AvgWatts.t	MX	AUTO_TIME
AvgWatts.units.SIUnit	CF	[03 0A] - 3 Phase Watts
AvgWatts.units.multiplier	CF	AUTO_VARIABLE_INT
AvgWatts.db	CF	AUTO_DEADBAND_MX
AvgWatts.rangeC.hhLim.f	CF	FIXED_FLOAT
AvgWatts.rangeC.hLim.f	CF	FIXED_FLOAT
AvgWatts.rangeC.lLim.f	CF	FIXED_FLOAT
AvgWatts.rangeC.llLim.f	CF	FIXED_FLOAT
AvgWatts.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AvgWatts.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AvgWatts.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NPSPwr.mag.f	MX	[03 0D] - NPS Power S2
NPSPwr.q	MX	Function (Get_Common_Quality())

Attribute	FC	Source
NPSPwr.t	MX	AUTO_TIME
NPSPwr.units.SIUnit	CF	[03 0D] - NPS Power S2
NPSPwr.units.multiplier	CF	AUTO_VARIABLE_INT
NPSPwr.db	CF	AUTO_DEADBAND_MX
NPSPwr.rangeC.hhLim.f	CF	FIXED_FLOAT
NPSPwr.rangeC.hLim.f	CF	FIXED_FLOAT
NPSPwr.rangeC.lLim.f	CF	FIXED_FLOAT
NPSPwr.rangeC.lLim.f	CF	FIXED_FLOAT
NPSPwr.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
NPSPwr.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
NPSPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
V.phsA.cVal.mag.f	MX	[02 1A] - VAN Magnitude
V.phsA.q	MX	Function (Get_Common_Quality())
V.phsA.t	MX	AUTO_TIME
V.phsA.db	CF	AUTO_DEADBAND_MX
V.phsA.units.SIUnit	CF	FIXED_NUMERIC
V.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
V.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
V.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
V.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
V.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
V.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
V.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
V.phsB.cVal.mag.f	MX	[02 1C] - VBN Magnitude
V.phsB.q	MX	Function (Get_Common_Quality())
V.phsB.t	MX	AUTO_TIME
V.phsB.db	CF	AUTO_DEADBAND_MX
V.phsB.units.SIUnit	CF	FIXED_NUMERIC
V.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
V.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
V.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
V.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
V.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
V.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
V.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
V.phsC.cVal.mag.f	MX	[02 1E] - VCN Magnitude
V.phsC.q	MX	Function (Get_Common_Quality())
V.phsC.t	MX	AUTO_TIME
V.phsC.db	CF	AUTO_DEADBAND_MX
V.phsC.units.SIUnit	CF	FIXED_NUMERIC
V.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
V.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
V.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
V.phsC.rangeC.lLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
V.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
V.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
V.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
V.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
VArs.phsA.cVal.mag.f	MX	[03 04] - A Phase VArS
VArs.phsA.q	MX	Function (Get_Common_Quality())
VArs.phsA.t	MX	AUTO_TIME
VArs.phsA.units.SIUnit	CF	[03 04] - A Phase VArS
VArs.phsA.db	CF	AUTO_DEADBAND_MX
VArs.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
VArs.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
VArs.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
VArs.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
VArs.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
VArs.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VArs.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VArs.phsB.cVal.mag.f	MX	[03 05] - B Phase VArS
VArs.phsB.q	MX	Function (Get_Common_Quality())
VArs.phsB.t	MX	AUTO_TIME
VArs.phsB.units.SIUnit	CF	[03 05] - B Phase VArS
VArs.phsB.db	CF	AUTO_DEADBAND_MX
VArs.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
VArs.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
VArs.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
VArs.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
VArs.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
VArs.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VArs.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VArs.phsC.cVal.mag.f	MX	[03 06] - C Phase VArS
VArs.phsC.q	MX	Function (Get_Common_Quality())
VArs.phsC.t	MX	AUTO_TIME
VArs.phsC.units.SIUnit	CF	[03 06] - C Phase VArS
VArs.phsC.db	CF	AUTO_DEADBAND_MX
VArs.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
VArs.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
VArs.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
VArs.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
VArs.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
VArs.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VArs.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VArs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
VN.res.cVal.mag.f	MX	[02 22] - VN Derived Mag
VN.res.cVal.ang.f	MX	[02 23] - VN Derived Ang
VN.res.q	MX	Function (Get_Common_Quality())

Attribute	FC	Source
VN.res.t	MX	AUTO_TIME
VN.res.units.SIUnit	CF	[02 22] - VN Derived Mag
VN.res.db	CF	AUTO_DEADBAND_MX
VN.res.units.multiplier	CF	AUTO_VARIABLE_INT
VN.res.rangeC.hhLim.f	CF	FIXED_FLOAT
VN.res.rangeC.hLim.f	CF	FIXED_FLOAT
VN.res.rangeC.lLim.f	CF	FIXED_FLOAT
VN.res.rangeC.lLim.f	CF	FIXED_FLOAT
VN.res.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VN.res.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VN.d	DC	[02 22] - VN Derived Mag
VN.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.26

Logical Node: SecFxdMSTA1**Description:** Secondary Fixed demand Measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.lnNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
PhApPwr.phsA.cVal.mag.f	MX	[03 18] - IA Fixed Demand
PhApPwr.phsA.q	MX	Function (Get_Common_Quality())
PhApPwr.phsA.t	MX	AUTO_TIME
PhApPwr.phsA.units.SIUnit	CF	[03 18] - IA Fixed Demand
PhApPwr.phsA.db	CF	AUTO_DEADBAND_MX
PhApPwr.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
PhApPwr.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.lLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
PhApPwr.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsB.cVal.mag.f	MX	[03 19] - IB Fixed Demand
PhApPwr.phsB.q	MX	Function (Get_Common_Quality())
PhApPwr.phsB.t	MX	AUTO_TIME
PhApPwr.phsB.units.SIUnit	CF	[03 19] - IB Fixed Demand
PhApPwr.phsB.db	CF	AUTO_DEADBAND_MX
PhApPwr.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
PhApPwr.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsC.cVal.mag.f	MX	[03 1A] - IC Fixed Demand
PhApPwr.phsC.q	MX	Function (Get_Common_Quality())
PhApPwr.phsC.t	MX	AUTO_TIME
PhApPwr.phsC.units.SIUnit	CF	[03 1A] - IC Fixed Demand
PhApPwr.phsC.db	CF	AUTO_DEADBAND_MX
PhApPwr.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
PhApPwr.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
TotPwr.mag.f	MX	[03 16] - 3Ph W Fix Demand
TotPwr.q	MX	Function (Get_Common_Quality())
TotPwr.t	MX	AUTO_TIME
TotPwr.units.SIUnit	CF	[03 16] - 3Ph W Fix Demand
TotPwr.units.multiplier	CF	AUTO_VARIABLE_INT
TotPwr.db	CF	AUTO_DEADBAND_MX
TotPwr.rangeC.hhLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.hLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
TotPwr.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
TotPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
TotRtPwr.mag.f	MX	[03 17] - 3Ph VArS Fix Dem
TotRtPwr.q	MX	Function (Get_Common_Quality())
TotRtPwr.t	MX	AUTO_TIME
TotRtPwr.units.SIUnit	CF	[03 17] - 3Ph VArS Fix Dem

Attribute	FC	Source
TotRtPwr.units.multiplier	CF	AUTO_VARIABLE_INT
TotRtPwr.db	CF	AUTO_DEADBAND_MX
TotRtPwr.rangeC.hhLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.hLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
TotRtPwr.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
TotRtPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.27

Logical Node: SecHa3MMXU1**Description:** Secondary Third Harmonic Measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
VN.mag.f	MX	[04 0F] - VN 3rd Harmonic
VN.q	MX	Function (Get_Common_Quality())
VN.t	MX	AUTO_TIME
VN.units.SIUnit	CF	[04 0F] - VN 3rd Harmonic
VN.units.multiplier	CF	AUTO_VARIABLE_INT
VN.db	CF	AUTO_DEADBAND_MX
VN.rangeC.hhLim.f	CF	FIXED_FLOAT
VN.rangeC.hLim.f	CF	FIXED_FLOAT
VN.rangeC.lLim.f	CF	FIXED_FLOAT
VN.rangeC.lLim.f	CF	FIXED_FLOAT
VN.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VN.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VN.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.28

Logical Node: SecLzdMDIF1**Description:** Secondary Generator Differential measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1

Attribute	FC	Source
NamPlt.d	DC	FIXED_STRING
NamPlt.InNs	EX	Namespace (IEC 61850-7-4:2003)
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
IREFBias.mag.f	MX	[04 0E] - IREF Bias
IREFBias.q	MX	Function (Get_Common_Quality())
IREFBias.t	MX	AUTO_TIME
IREFBias.db	CF	AUTO_DEADBAND_MX
IREFBias.units.SIUnit	CF	[04 0E] - IREF Bias
IREFBias.units.multiplier	CF	AUTO_VARIABLE_INT
IREFBias.rangeC.hhLim.f	CF	FIXED_FLOAT
IREFBias.rangeC.hLim.f	CF	FIXED_FLOAT
IREFBias.rangeC.lLim.f	CF	FIXED_FLOAT
IREFBias.rangeC.lLim.f	CF	FIXED_FLOAT
IREFBias.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
IREFBias.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
IREFDif.mag.f	MX	[04 0D] - IREF Diff
IREFDif.q	MX	Function (Get_Common_Quality())
IREFDif.t	MX	AUTO_TIME
IREFDif.db	CF	AUTO_DEADBAND_MX
IREFDif.units.SIUnit	CF	[04 0D] - IREF Diff
IREFDif.units.multiplier	CF	AUTO_VARIABLE_INT
IREFDif.rangeC.hhLim.f	CF	FIXED_FLOAT
IREFDif.rangeC.hLim.f	CF	FIXED_FLOAT
IREFDif.rangeC.lLim.f	CF	FIXED_FLOAT
IREFDif.rangeC.lLim.f	CF	FIXED_FLOAT
IREFDif.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
IREFDif.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
OpARem.phsA.cVal.mag.f	MX	[04 07] - IA Differential
OpARem.phsA.q	MX	Function (Get_Common_Quality())
OpARem.phsA.t	MX	AUTO_TIME
OpARem.phsA.units.SIUnit	CF	[04 07] - IA Differential
OpARem.phsA.db	CF	AUTO_DEADBAND_MX
OpARem.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
OpARem.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
OpARem.phsA.rangeC.hLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
OpARem.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
OpARem.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
OpARem.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
OpARem.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
OpARem.phsB.cVal.mag.f	MX	[04 08] - IB Differential
OpARem.phsB.q	MX	Function (Get_Common_Quality())
OpARem.phsB.t	MX	AUTO_TIME
OpARem.phsB.db	CF	AUTO_DEADBAND_MX
OpARem.phsB.units.SIUnit	CF	[04 08] - IB Differential
OpARem.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
OpARem.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
OpARem.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
OpARem.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
OpARem.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
OpARem.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
OpARem.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
OpARem.phsC.cVal.mag.f	MX	[04 09] - IC Differential
OpARem.phsC.q	MX	Function (Get_Common_Quality())
OpARem.phsC.t	MX	AUTO_TIME
OpARem.phsC.db	CF	AUTO_DEADBAND_MX
OpARem.phsC.units.SIUnit	CF	[04 09] - IC Differential
OpARem.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
OpARem.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
OpARem.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
OpARem.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
OpARem.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
OpARem.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
OpARem.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
OpBiasRem.phsA.cVal.mag.f	MX	[04 0A] - IA Bias
OpBiasRem.phsA.q	MX	Function (Get_Common_Quality())
OpBiasRem.phsA.t	MX	AUTO_TIME
OpBiasRem.phsA.db	CF	AUTO_DEADBAND_MX
OpBiasRem.phsA.units.SIUnit	CF	[04 0A] - IA Bias
OpBiasRem.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
OpBiasRem.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
OpBiasRem.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
OpBiasRem.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
OpBiasRem.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
OpBiasRem.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
OpBiasRem.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
OpBiasRem.phsB.cVal.mag.f	MX	[04 0B] - IB Bias
OpBiasRem.phsB.q	MX	Function (Get_Common_Quality())
OpBiasRem.phsB.t	MX	AUTO_TIME
OpBiasRem.phsB.db	CF	AUTO_DEADBAND_MX

Attribute	FC	Source
OpBiasRem.phsB.units.SIUnit	CF	[04 0B] - IB Bias
OpBiasRem.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
OpBiasRem.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
OpBiasRem.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
OpBiasRem.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
OpBiasRem.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
OpBiasRem.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
OpBiasRem.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
OpBiasRem.phsC.cVal.mag.f	MX	[04 0C] - IC Bias
OpBiasRem.phsC.q	MX	Function (Get_Common_Quality())
OpBiasRem.phsC.t	MX	AUTO_TIME
OpBiasRem.phsC.db	CF	AUTO_DEADBAND_MX
OpBiasRem.phsC.units.SIUnit	CF	[04 0C] - IC Bias
OpBiasRem.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
OpBiasRem.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
OpBiasRem.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
OpBiasRem.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
OpBiasRem.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
OpBiasRem.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
OpBiasRem.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT

3.29

Logical Node: SecMMTR1

Description: Secondary based Energy flow metering quantities

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
SupWh.actVal	ST	[03 12] - 3Ph WHours Fwd
SupWh.q	ST	Function (Get_Common_Quality())
SupWh.t	ST	AUTO_TIME
SupWh.pulsQty	CF	FIXED_FLOAT
SupVARh.actVal	ST	[03 14] - 3Ph VARhHours Fwd
SupVARh.q	ST	Function (Get_Common_Quality())
SupVARh.t	ST	AUTO_TIME

Attribute	FC	Source
SupVArh.pulsQty	CF	FIXED_FLOAT
DmdWh.actVal	ST	[03 13] - 3Ph WHours Rev
DmdWh.q	ST	Function (Get_Common_Quality())
DmdWh.t	ST	AUTO_TIME
DmdWh.pulsQty	CF	FIXED_FLOAT
DmdVArh.actVal	ST	[03 15] - 3Ph VArHours Rev
DmdVArh.q	ST	Function (Get_Common_Quality())
DmdVArh.t	ST	AUTO_TIME
DmdVArh.pulsQty	CF	FIXED_FLOAT
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[03 25] - Reset Demand
MTRRs.q	ST	Function (Get_Common_Quality())
MTRRs.t	ST	AUTO_TIME
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[03 25] - Reset Demand

3.30

Logical Node: SecPkdMSTA1**Description:** Secondary Peak Demand measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.InNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
PhApPwr.phsA.cVal.mag.f	MX	[03 22] - IA Peak Demand
PhApPwr.phsA.q	MX	Function (Get_Common_Quality())
PhApPwr.phsA.t	MX	AUTO_TIME

Attribute	FC	Source
PhApPwr.phsA.units.SIUnit	CF	[03 22] - IA Peak Demand
PhApPwr.phsA.db	CF	AUTO_DEADBAND_MX
PhApPwr.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
PhApPwr.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsB.cVal.mag.f	MX	[03 23] - IB Peak Demand
PhApPwr.phsB.q	MX	Function (Get_Common_Quality())
PhApPwr.phsB.t	MX	AUTO_TIME
PhApPwr.phsB.db	CF	AUTO_DEADBAND_MX
PhApPwr.phsB.units.SIUnit	CF	[03 23] - IB Peak Demand
PhApPwr.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
PhApPwr.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsC.cVal.mag.f	MX	[03 24] - IC Peak Demand
PhApPwr.phsC.q	MX	Function (Get_Common_Quality())
PhApPwr.phsC.t	MX	AUTO_TIME
PhApPwr.phsC.db	CF	AUTO_DEADBAND_MX
PhApPwr.phsC.units.SIUnit	CF	[03 24] - IC Peak Demand
PhApPwr.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
PhApPwr.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
TotPwr.mag.f	MX	[03 20] - 3Ph W Peak Dem
TotPwr.q	MX	Function (Get_Common_Quality())
TotPwr.t	MX	AUTO_TIME
TotPwr.units.SIUnit	CF	[03 20] - 3Ph W Peak Dem
TotPwr.units.multiplier	CF	AUTO_VARIABLE_INT
TotPwr.db	CF	AUTO_DEADBAND_MX
TotPwr.rangeC.hhLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.hLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.lLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
TotPwr.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
TotPwr.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
TotPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
TotRtPwr.mag.f	MX	[03 21] - 3Ph VAr Peak Dem
TotRtPwr.q	MX	Function (Get_Common_Quality())
TotRtPwr.t	MX	AUTO_TIME
TotRtPwr.units.SIUnit	CF	[03 21] - 3Ph VAr Peak Dem
TotRtPwr.units.multiplier	CF	AUTO_VARIABLE_INT
TotRtPwr.db	CF	AUTO_DEADBAND_MX
TotRtPwr.rangeC.hhLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.hLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
TotRtPwr.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
TotRtPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.31

Logical Node: SecRmsMMXU1**Description:** Secondary RMS measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
PhV.phsA.cVal.mag.f	MX	[02 27] - VAN RMS
PhV.phsA.q	MX	Function (Get_Common_Quality())
PhV.phsA.t	MX	AUTO_TIME
PhV.phsA.units.SIUnit	CF	[02 27] - VAN RMS
PhV.phsA.db	CF	AUTO_DEADBAND_MX
PhV.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
PhV.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
PhV.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
PhV.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
PhV.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
PhV.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT

Attribute	FC	Source
PhV.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhV.phsB.cVal.mag.f	MX	[02 28] - VBN RMS
PhV.phsB.q	MX	Function (Get_Common_Quality())
PhV.phsB.t	MX	AUTO_TIME
PhV.phsB.units.SIUnit	CF	[02 28] - VBN RMS
PhV.phsB.db	CF	AUTO_DEADBAND_MX
PhV.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
PhV.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
PhV.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
PhV.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PhV.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PhV.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhV.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhV.phsC.cVal.mag.f	MX	[02 29] - VCN RMS
PhV.phsC.q	MX	Function (Get_Common_Quality())
PhV.phsC.t	MX	AUTO_TIME
PhV.phsC.units.SIUnit	CF	[02 29] - VCN RMS
PhV.phsC.db	CF	AUTO_DEADBAND_MX
PhV.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
PhV.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
PhV.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
PhV.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PhV.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PhV.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhV.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A.phsA.cVal.mag.f	MX	[02 10] - IA RMS
A.phsA.q	MX	Function (Get_Common_Quality())
A.phsA.t	MX	AUTO_TIME
A.phsA.units.SIUnit	CF	[02 10] - IA RMS
A.phsA.db	CF	AUTO_DEADBAND_MX
A.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
A.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A.phsB.cVal.mag.f	MX	[02 11] - IB RMS
A.phsB.q	MX	Function (Get_Common_Quality())
A.phsB.t	MX	AUTO_TIME
A.phsB.units.SIUnit	CF	[02 11] - IB RMS
A.phsB.db	CF	AUTO_DEADBAND_MX
A.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
A.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
A.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
A.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
A.phsC.cVal.mag.f	MX	[02 12] - IC RMS
A.phsC.q	MX	Function (Get_Common_Quality())
A.phsC.t	MX	AUTO_TIME
A.phsC.db	CF	AUTO_DEADBAND_MX
A.phsC.units.SIUnit	CF	[02 12] - IC RMS
A.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
A.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
A.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
A.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT

3.32

Logical Node: SecRodMSTA1**Description:** Secondary Rolling Demand measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.lnNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
PhApPwr.phsA.cVal.mag.f	MX	[03 1D] - IA Roll Demand
PhApPwr.phsA.q	MX	Function (Get_Common_Quality())
PhApPwr.phsA.t	MX	AUTO_TIME
PhApPwr.phsA.units.SIUnit	CF	[03 1D] - IA Roll Demand
PhApPwr.phsA.db	CF	AUTO_DEADBAND_MX

Attribute	FC	Source
PhApPwr.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
PhApPwr.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsB.cVal.mag.f	MX	[03 1E] - IB Roll Demand
PhApPwr.phsB.q	MX	Function (Get_Common_Quality())
PhApPwr.phsB.t	MX	AUTO_TIME
PhApPwr.phsB.units.SIUnit	CF	[03 1E] - IB Roll Demand
PhApPwr.phsB.db	CF	AUTO_DEADBAND_MX
PhApPwr.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
PhApPwr.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsC.cVal.mag.f	MX	[03 1F] - IC Roll Demand
PhApPwr.phsC.q	MX	Function (Get_Common_Quality())
PhApPwr.phsC.t	MX	AUTO_TIME
PhApPwr.phsC.units.SIUnit	CF	[03 1F] - IC Roll Demand
PhApPwr.phsC.db	CF	AUTO_DEADBAND_MX
PhApPwr.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
PhApPwr.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
PhApPwr.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PhApPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
TotPwr.mag.f	MX	[03 1B] - 3 Ph W Roll Dem
TotPwr.q	MX	Function (Get_Common_Quality())
TotPwr.t	MX	AUTO_TIME
TotPwr.units.SIUnit	CF	[03 1B] - 3 Ph W Roll Dem
TotPwr.units.multiplier	CF	AUTO_VARIABLE_INT
TotPwr.db	CF	AUTO_DEADBAND_MX
TotPwr.rangeC.hhLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.hLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotPwr.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
TotPwr.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT

Attribute	FC	Source
TotPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
TotRtPwr.mag.f	MX	[03 1C] - 3Ph VArS RollDem
TotRtPwr.q	MX	Function (Get_Common_Quality())
TotRtPwr.t	MX	AUTO_TIME
TotRtPwr.units.SIUnit	CF	[03 1C] - 3Ph VArS RollDem
TotRtPwr.units.multiplier	CF	AUTO_VARIABLE_INT
TotRtPwr.db	CF	AUTO_DEADBAND_MX
TotRtPwr.rangeC.hhLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.hLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.lLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.llLim.f	CF	FIXED_FLOAT
TotRtPwr.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
TotRtPwr.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
TotRtPwr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.33

Logical Node: SecSenMMXU1**Description:** Secondary Sensitive Power measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
A.phsA.cVal.mag.f	MX	[02 0B] - Isen Magnitude
A.phsA.cVal.ang.f	MX	[02 0C] - Isen Angle
A.phsA.q	MX	Function (Get_Common_Quality())
A.phsA.t	MX	AUTO_TIME
A.phsA.db	CF	AUTO_DEADBAND_MX
A.phsA.units.SIUnit	CF	[02 0B] - Isen Magnitude
A.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
A.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.llLim.f	CF	FIXED_FLOAT
A.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
A.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT

Attribute	FC	Source
PwrAng.mag.f	MX	[04 22] - Aph Power Angle
VArs.mag.f	MX	[04 21] - Aph Sen VArS
PwrAng.q	MX	Function (Get_Common_Quality())
VArs.q	MX	Function (Get_Common_Quality())
VArs.t	MX	AUTO_TIME
PwrAng.t	MX	AUTO_TIME
PwrAng.units.SIUnit	CF	[04 22] - Aph Power Angle
VArs.units.SIUnit	CF	[04 21] - Aph Sen VArS
VArs.units.multiplier	CF	AUTO_VARIABLE_INT
PwrAng.units.multiplier	CF	AUTO_VARIABLE_INT
VArs.db	CF	AUTO_DEADBAND_MX
PwrAng.db	CF	AUTO_DEADBAND_MX
W.res.cVal.mag.f	MX	[04 20] - Aph Sen Watts
VArs.rangeC.hhLim.f	CF	FIXED_FLOAT
PwrAng.rangeC.hhLim.f	CF	FIXED_FLOAT
W.res.q	MX	Function (Get_Common_Quality())
VArs.rangeC.hLim.f	CF	FIXED_FLOAT
PwrAng.rangeC.hLim.f	CF	FIXED_FLOAT
VArs.rangeC.lLim.f	CF	FIXED_FLOAT
PwrAng.rangeC.lLim.f	CF	FIXED_FLOAT
W.res.t	MX	AUTO_TIME
VArs.rangeC.lLim.f	CF	FIXED_FLOAT
PwrAng.rangeC.lLim.f	CF	FIXED_FLOAT
W.res.units.SIUnit	CF	[04 20] - Aph Sen Watts
W.res.db	CF	AUTO_DEADBAND_MX
VArs.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
PwrAng.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
W.res.units.multiplier	CF	AUTO_VARIABLE_INT
W.res.rangeC.hhLim.f	CF	FIXED_FLOAT
VArs.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PwrAng.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
W.res.rangeC.hLim.f	CF	FIXED_FLOAT
W.res.rangeC.lLim.f	CF	FIXED_FLOAT
W.res.rangeC.lLim.f	CF	FIXED_FLOAT
W.res.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
W.res.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
PwrAng.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
VArs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.34

Logical Node: SecSeqMSQI1

Description: Secondary Sequence measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1

Attribute	FC	Source
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
SeqA.c1.cVal.mag.f	MX	[02 40] - I1 Magnitude
SeqA.c1.cVal.ang.f	MX	[02 41] - I1 Phase Angle
SeqA.c1.q	MX	Function (Get_Common_Quality())
SeqA.c1.t	MX	AUTO_TIME
SeqA.c1.db	CF	AUTO_DEADBAND_MX
SeqA.c1.units.SIUnit	CF	[02 40] - I1 Magnitude
SeqA.c1.units.multiplier	CF	AUTO_VARIABLE_INT
SeqA.c1.rangeC.hhLim.f	CF	FIXED_FLOAT
SeqA.c1.rangeC.hLim.f	CF	FIXED_FLOAT
SeqA.c1.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c1.rangeC.lllLim.f	CF	FIXED_FLOAT
SeqA.c1.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c1.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c2.cVal.mag.f	MX	[02 42] - I2 Magnitude
SeqA.c2.cVal.ang.f	MX	[02 43] - I2 Phase Angle
SeqA.c2.q	MX	Function (Get_Common_Quality())
SeqA.c2.t	MX	AUTO_TIME
SeqA.c2.db	CF	AUTO_DEADBAND_MX
SeqA.c2.units.SIUnit	CF	[02 42] - I2 Magnitude
SeqA.c2.units.multiplier	CF	AUTO_VARIABLE_INT
SeqA.c2.rangeC.hhLim.f	CF	FIXED_FLOAT
SeqA.c2.rangeC.hLim.f	CF	FIXED_FLOAT
SeqA.c2.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c2.rangeC.lllLim.f	CF	FIXED_FLOAT
SeqA.c2.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c2.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c3.cVal.mag.f	MX	[02 44] - I0 Magnitude
SeqA.c3.cVal.ang.f	MX	[02 45] - I0 Phase Angle
SeqA.c3.q	MX	Function (Get_Common_Quality())
SeqA.c3.t	MX	AUTO_TIME
SeqA.c3.db	CF	AUTO_DEADBAND_MX
SeqA.c3.units.SIUnit	CF	[02 44] - I0 Magnitude
SeqA.c3.units.multiplier	CF	AUTO_VARIABLE_INT

Attribute	FC	Source
SeqA.c3.rangeC.hhLim.f	CF	FIXED_FLOAT
SeqA.c3.rangeC.hLim.f	CF	FIXED_FLOAT
SeqA.c3.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c3.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c3.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c3.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
SeqA.seqT	MX	FIXED_NUMERIC
SeqV.c1.cVal.mag.f	MX	[02 46] - V1 Magnitude
SeqV.c1.cVal.ang.f	MX	[02 47] - V1 Phase Angle
SeqV.c1.q	MX	Function (Get_Common_Quality())
SeqV.c1.t	MX	AUTO_TIME
SeqV.c1.units.SIUnit	CF	[02 46] - V1 Magnitude
SeqV.c1.db	CF	AUTO_DEADBAND_MX
SeqV.c1.units.multiplier	CF	AUTO_VARIABLE_INT
SeqV.c1.rangeC.hhLim.f	CF	FIXED_FLOAT
SeqV.c1.rangeC.hLim.f	CF	FIXED_FLOAT
SeqV.c1.rangeC.lLim.f	CF	FIXED_FLOAT
SeqV.c1.rangeC.lLim.f	CF	FIXED_FLOAT
SeqV.c1.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
SeqV.c1.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
SeqV.c2.cVal.mag.f	MX	[02 48] - V2 Magnitude
SeqV.c2.cVal.ang.f	MX	[02 49] - V2 Phase Angle
SeqV.c2.q	MX	Function (Get_Common_Quality())
SeqV.c2.t	MX	AUTO_TIME
SeqV.c2.units.SIUnit	CF	[02 48] - V2 Magnitude
SeqV.c2.db	CF	AUTO_DEADBAND_MX
SeqV.c2.units.multiplier	CF	AUTO_VARIABLE_INT
SeqV.c2.rangeC.hhLim.f	CF	FIXED_FLOAT
SeqV.c2.rangeC.hLim.f	CF	FIXED_FLOAT
SeqV.c2.rangeC.lLim.f	CF	FIXED_FLOAT
SeqV.c2.rangeC.lLim.f	CF	FIXED_FLOAT
SeqV.c2.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
SeqV.c2.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
SeqV.c3.cVal.mag.f	MX	[02 4A] - V0 Magnitude
SeqV.c3.cVal.ang.f	MX	[02 4B] - V0 Phase Angle
SeqV.c3.q	MX	Function (Get_Common_Quality())
SeqV.c3.t	MX	AUTO_TIME
SeqV.c3.units.SIUnit	CF	[02 4A] - V0 Magnitude
SeqV.c3.db	CF	AUTO_DEADBAND_MX
SeqV.c3.units.multiplier	CF	AUTO_VARIABLE_INT
SeqV.c3.rangeC.hhLim.f	CF	FIXED_FLOAT
SeqV.c3.rangeC.hLim.f	CF	FIXED_FLOAT
SeqV.c3.rangeC.lLim.f	CF	FIXED_FLOAT
SeqV.c3.rangeC.lLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
SeqV.c3.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
SeqV.c3.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
SeqV.seqT	MX	FIXED_NUMERIC

3.35

Logical Node: SecseqMSQI2**Description:** Secondary Sequence measurements for CT2(only include seqA)

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
SeqA.c1.cVal.mag.f	MX	[04 9D] - CT2 I1 Mag
SeqA.c1.cVal.ang.f	MX	[04 9E] - CT2 I1 Angle
SeqA.c1.q	MX	Function (Get_Common_Quality())
SeqA.c1.t	MX	AUTO_TIME
SeqA.c1.db	CF	AUTO_DEADBAND_MX
SeqA.c1.units.SIUnit	CF	[04 9D] - CT2 I1 Mag
SeqA.c1.units.multiplier	CF	AUTO_VARIABLE_INT
SeqA.c1.rangeC.hhLim.f	CF	FIXED_FLOAT
SeqA.c1.rangeC.hLim.f	CF	FIXED_FLOAT
SeqA.c1.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c1.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c1.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c1.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c2.cVal.mag.f	MX	[04 9F] - CT2 I2 Mag
SeqA.c2.cVal.ang.f	MX	[04 A0] - CT2 I2 Angle
SeqA.c2.q	MX	Function (Get_Common_Quality())
SeqA.c2.t	MX	AUTO_TIME
SeqA.c2.db	CF	AUTO_DEADBAND_MX
SeqA.c2.units.SIUnit	CF	[04 9F] - CT2 I2 Mag
SeqA.c2.units.multiplier	CF	AUTO_VARIABLE_INT
SeqA.c2.rangeC.hhLim.f	CF	FIXED_FLOAT
SeqA.c2.rangeC.hLim.f	CF	FIXED_FLOAT
SeqA.c2.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c2.rangeC.lLim.f	CF	FIXED_FLOAT

Attribute	FC	Source
SeqA.c2.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c2.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c3.cVal.mag.f	MX	[04 A1] - CT2 I0 Mag
SeqA.c3.cVal.ang.f	MX	[04 A2] - CT2 I0 Angle
SeqA.c3.q	MX	Function (Get_Common_Quality())
SeqA.c3.t	MX	AUTO_TIME
SeqA.c3.units.SIUnit	CF	[04 A1] - CT2 I0 Mag
SeqA.c3.db	CF	AUTO_DEADBAND_MX
SeqA.c3.units.multiplier	CF	AUTO_VARIABLE_INT
SeqA.c3.rangeC.hhLim.f	CF	FIXED_FLOAT
SeqA.c3.rangeC.hLim.f	CF	FIXED_FLOAT
SeqA.c3.rangeC.lLim.f	CF	FIXED_FLOAT
SeqA.c3.rangeC.llLim.f	CF	FIXED_FLOAT
SeqA.c3.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
SeqA.c3.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
SeqA.seqT	MX	FIXED_NUMERIC
CT1Ratio.mag.f	MX	[04 A3] - CT1 I2/I1
CT1Ratio.q	MX	Function (Get_Common_Quality())
CT1Ratio.t	MX	AUTO_TIME
CT1Ratio.units.SIUnit	CF	FIXED_NUMERIC
CT1Ratio.units.multiplier	CF	AUTO_VARIABLE_INT
CT1Ratio.db	CF	AUTO_DEADBAND_MX
CT1Ratio.rangeC.hhLim.f	CF	FIXED_FLOAT
CT1Ratio.rangeC.hLim.f	CF	FIXED_FLOAT
CT1Ratio.rangeC.lLim.f	CF	FIXED_FLOAT
CT1Ratio.rangeC.llLim.f	CF	FIXED_FLOAT
CT1Ratio.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
CT1Ratio.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
CT1Ratio.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
CT2Ratio.mag.f	MX	[04 A4] - CT2 I2/I1
CT2Ratio.q	MX	Function (Get_Common_Quality())
CT2Ratio.t	MX	AUTO_TIME
CT2Ratio.units.SIUnit	CF	FIXED_NUMERIC
CT2Ratio.units.multiplier	CF	AUTO_VARIABLE_INT
CT2Ratio.db	CF	AUTO_DEADBAND_MX
CT2Ratio.rangeC.hhLim.f	CF	FIXED_FLOAT
CT2Ratio.rangeC.hLim.f	CF	FIXED_FLOAT
CT2Ratio.rangeC.lLim.f	CF	FIXED_FLOAT
CT2Ratio.rangeC.llLim.f	CF	FIXED_FLOAT
CT2Ratio.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
CT2Ratio.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
CT2Ratio.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.36**Logical Node: SecStdMMXU1****Description:** Secondary Standard Measurements all except P341

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
RelBiasA.mag.f	MX	[04 0E] - IREF Bias
RelBiasA.q	MX	Function (Get_Common_Quality())
RelBiasA.t	MX	AUTO_TIME
RelBiasA.units.SIUnit	CF	[04 0E] - IREF Bias
RelBiasA.units.multiplier	CF	AUTO_VARIABLE_INT
RelBiasA.db	CF	AUTO_DEADBAND_MX
RelBiasA.rangeC.hhLim.f	CF	FIXED_FLOAT
RelBiasA.rangeC.hLim.f	CF	FIXED_FLOAT
RelBiasA.rangeC.lLim.f	CF	FIXED_FLOAT
RelBiasA.rangeC.lLim.f	CF	FIXED_FLOAT
RelBiasA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
RelBiasA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
RelBiasA.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
RelDifA.mag.f	MX	[04 0D] - IREF Diff
RelDifA.q	MX	Function (Get_Common_Quality())
RelDifA.t	MX	AUTO_TIME
RelDifA.units.SIUnit	CF	[04 0D] - IREF Diff
RelDifA.units.multiplier	CF	AUTO_VARIABLE_INT
RelDifA.db	CF	AUTO_DEADBAND_MX
RelDifA.rangeC.hhLim.f	CF	FIXED_FLOAT
RelDifA.rangeC.hLim.f	CF	FIXED_FLOAT
RelDifA.rangeC.lLim.f	CF	FIXED_FLOAT
RelDifA.rangeC.lLim.f	CF	FIXED_FLOAT
RelDifA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
RelDifA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
RelDifA.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
VN.res.cVal.mag.f	MX	[02 20] - VN Measured Mag
VN.res.cVal.ang.f	MX	[02 21] - VN Measured Ang
VN.res.q	MX	Function (Get_Common_Quality())
VN.res.t	MX	AUTO_TIME
VN.res.db	CF	AUTO_DEADBAND_MX

Attribute	FC	Source
VN.res.units.SIUnit	CF	[02 20] - VN Measured Mag
VN.res.units.multiplier	CF	AUTO_VARIABLE_INT
VN.res.rangeC.hhLim.f	CF	FIXED_FLOAT
VN.res.rangeC.hLim.f	CF	FIXED_FLOAT
VN.res.rangeC.lLim.f	CF	FIXED_FLOAT
VN.res.rangeC.lLim.f	CF	FIXED_FLOAT
VN.res.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VN.res.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VN.d	DC	[02 20] - VN Measured Mag
VN.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.37

Logical Node: SecStdMMXU2

Description: Secondary Measurements - second CTs, No VN2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Ct2A.phsA.cVal.mag.f	MX	[04 01] - IA-2 Magnitude
Ct2A.phsA.q	MX	Function (Get_Common_Quality())
Ct2A.phsA.t	MX	AUTO_TIME
Ct2A.phsA.units.SIUnit	CF	[04 01] - IA-2 Magnitude
Ct2A.phsA.db	CF	AUTO_DEADBAND_MX
Ct2A.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
Ct2A.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
Ct2A.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
Ct2A.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2A.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2A.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Ct2A.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
Ct2A.phsB.cVal.mag.f	MX	[04 03] - IB-2 Magnitude
Ct2A.phsB.q	MX	Function (Get_Common_Quality())
Ct2A.phsB.t	MX	AUTO_TIME
Ct2A.phsB.units.SIUnit	CF	[04 03] - IB-2 Magnitude
Ct2A.phsB.db	CF	AUTO_DEADBAND_MX

Attribute	FC	Source
Ct2A.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
Ct2A.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
Ct2A.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
Ct2A.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2A.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2A.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Ct2A.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
Ct2A.phsC.cVal.mag.f	MX	[04 05] - IC-2 Magnitude
Ct2A.phsC.q	MX	Function (Get_Common_Quality())
Ct2A.phsC.t	MX	AUTO_TIME
Ct2A.phsC.units.SIUnit	CF	[04 05] - IC-2 Magnitude
Ct2A.phsC.db	CF	AUTO_DEADBAND_MX
Ct2A.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
Ct2A.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
Ct2A.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
Ct2A.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2A.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2A.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Ct2A.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
Ct2A.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
Ct2Ang.phsA.cVal.mag.f	MX	[04 02] - IA-2 Phase Angle
Ct2Ang.phsA.q	MX	Function (Get_Common_Quality())
Ct2Ang.phsA.t	MX	AUTO_TIME
Ct2Ang.phsA.units.SIUnit	CF	[04 02] - IA-2 Phase Angle
Ct2Ang.phsA.db	CF	AUTO_DEADBAND_MX
Ct2Ang.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
Ct2Ang.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
Ct2Ang.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
Ct2Ang.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2Ang.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2Ang.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Ct2Ang.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
Ct2Ang.phsB.cVal.mag.f	MX	[04 04] - IB-2 Phase Angle
Ct2Ang.phsB.q	MX	Function (Get_Common_Quality())
Ct2Ang.phsB.t	MX	AUTO_TIME
Ct2Ang.phsB.units.SIUnit	CF	[04 04] - IB-2 Phase Angle
Ct2Ang.phsB.db	CF	AUTO_DEADBAND_MX
Ct2Ang.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
Ct2Ang.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
Ct2Ang.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
Ct2Ang.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2Ang.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2Ang.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Ct2Ang.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT

Attribute	FC	Source
Ct2Ang.phsC.cVal.mag.f	MX	[04 06] - IC-2 Phase Angle
Ct2Ang.phsC.q	MX	Function (Get_Common_Quality())
Ct2Ang.phsC.t	MX	AUTO_TIME
Ct2Ang.phsC.units.SIUnit	CF	[04 06] - IC-2 Phase Angle
Ct2Ang.phsC.db	CF	AUTO_DEADBAND_MX
Ct2Ang.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
Ct2Ang.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
Ct2Ang.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
Ct2Ang.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2Ang.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
Ct2Ang.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Ct2Ang.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
Ct2Ang.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.38

Logical Node: SecVhzMMXU1**Description:** Secondary Volts/Hz Measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	FIXED_NUMERIC
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctIModel	CF	FIXED_NUMERIC
VHz.mag.f	MX	[04 50] - Volts/Hz
VHz.q	MX	Function (Get_Common_Quality())
VHz.t	MX	AUTO_TIME
VHz.units.SIUnit	CF	[04 50] - Volts/Hz
VHz.units.multiplier	CF	AUTO_VARIABLE_INT
VHz.db	CF	AUTO_DEADBAND_MX
VHz.rangeC.hhLim.f	CF	FIXED_FLOAT
VHz.rangeC.hLim.f	CF	FIXED_FLOAT
VHz.rangeC.lLim.f	CF	FIXED_FLOAT
VHz.rangeC.lLim.f	CF	FIXED_FLOAT
VHz.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
VHz.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
VHz.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.39

Logical Node: ThmMMXU1**Description:** Thermal Measurements

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	FIXED_NUMERIC
AmbT.mag.f	MX	[05 04] - Ambient T
AmbT.q	MX	Function (Get_Common_Quality())
AmbT.t	MX	AUTO_TIME
AmbT.units.SIUnit	CF	[05 04] - Ambient T
AmbT.units.multiplier	CF	AUTO_VARIABLE_INT
AmbT.db	CF	AUTO_DEADBAND_MX
AmbT.rangeC.hhLim.f	CF	FIXED_FLOAT
AmbT.rangeC.hLim.f	CF	FIXED_FLOAT
AmbT.rangeC.lLim.f	CF	FIXED_FLOAT
AmbT.rangeC.lLim.f	CF	FIXED_FLOAT
AmbT.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
AmbT.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
AmbT.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
HotT.mag.f	MX	[05 01] - Hot Spot T
HotT.q	MX	Function (Get_Common_Quality())
HotT.t	MX	AUTO_TIME
HotT.units.SIUnit	CF	[05 01] - Hot Spot T
HotT.units.multiplier	CF	AUTO_VARIABLE_INT
HotT.db	CF	AUTO_DEADBAND_MX
HotT.rangeC.hhLim.f	CF	FIXED_FLOAT
HotT.rangeC.hLim.f	CF	FIXED_FLOAT
HotT.rangeC.lLim.f	CF	FIXED_FLOAT
HotT.rangeC.lLim.f	CF	FIXED_FLOAT
HotT.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
HotT.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
HotT.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
TopPreleft.mag.f	MX	[05 05] - TOL Pretrip left
TopPreleft.q	MX	Function (Get_Common_Quality())
TopPreleft.t	MX	AUTO_TIME

Attribute	FC	Source
TopPreleft.units.SIUnit	CF	[05 05] - TOL Pretrip left
TopPreleft.units.multiplier	CF	AUTO_VARIABLE_INT
TopPreleft.db	CF	AUTO_DEADBAND_MX
TopPreleft.rangeC.hhLim.f	CF	FIXED_FLOAT
TopPreleft.rangeC.hLim.f	CF	FIXED_FLOAT
TopPreleft.rangeC.lLim.f	CF	FIXED_FLOAT
TopPreleft.rangeC.lLim.f	CF	FIXED_FLOAT
TopPreleft.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
TopPreleft.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
TopPreleft.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
TopT.mag.f	MX	[05 02] - Top Oil T
TopT.q	MX	Function (Get_Common_Quality())
TopT.t	MX	AUTO_TIME
TopT.units.SIUnit	CF	[05 02] - Top Oil T
TopT.units.multiplier	CF	AUTO_VARIABLE_INT
TopT.db	CF	AUTO_DEADBAND_MX
TopT.rangeC.hhLim.f	CF	FIXED_FLOAT
TopT.rangeC.hLim.f	CF	FIXED_FLOAT
TopT.rangeC.lLim.f	CF	FIXED_FLOAT
TopT.rangeC.lLim.f	CF	FIXED_FLOAT
TopT.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
TopT.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
TopT.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.40

Logical Node: XfrDifMMXU1

Description: Transformer Differential Values - 2nd Harmonic

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	FIXED_NUMERIC
IDiff.phsA.cVal.mag.f	MX	[04 97] - IA Diff 2H
IDiff.phsA.q	MX	Function (Get_Common_Quality())
IDiff.phsA.t	MX	AUTO_TIME
IDiff.phsA.units.SIUnit	CF	[04 97] - IA Diff 2H

Attribute	FC	Source
IDiff.phsA.db	CF	AUTO_DEADBAND_MX
IDiff.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
IDiff.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
IDiff.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
IDiff.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
IDiff.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
IDiff.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
IDiff.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
IDiff.phsB.cVal.mag.f	MX	[04 98] - IB Diff 2H
IDiff.phsB.q	MX	Function (Get_Common_Quality())
IDiff.phsB.t	MX	AUTO_TIME
IDiff.phsB.units.SIUnit	CF	[04 98] - IB Diff 2H
IDiff.phsB.db	CF	AUTO_DEADBAND_MX
IDiff.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
IDiff.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
IDiff.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
IDiff.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
IDiff.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
IDiff.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
IDiff.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
IDiff.phsC.cVal.mag.f	MX	[04 99] - IC Diff 2H
IDiff.phsC.q	MX	Function (Get_Common_Quality())
IDiff.phsC.t	MX	AUTO_TIME
IDiff.phsC.units.SIUnit	CF	[04 99] - IC Diff 2H
IDiff.phsC.db	CF	AUTO_DEADBAND_MX
IDiff.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
IDiff.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
IDiff.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
IDiff.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
IDiff.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
IDiff.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
IDiff.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
IDiff.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.41

Logical Node: XfrDifMMXU2**Description:** Transformer Differential Values - 5th Harmonic

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC

Attribute	FC	Source
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	FIXED_NUMERIC
IDiff.phsA.cVal.mag.f	MX	[04 9A] - IA Diff 5H
IDiff.phsA.q	MX	Function (Get_Common_Quality())
IDiff.phsA.t	MX	AUTO_TIME
IDiff.phsA.units.SIUnit	CF	[04 9A] - IA Diff 5H
IDiff.phsA.db	CF	AUTO_DEADBAND_MX
IDiff.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
IDiff.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
IDiff.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
IDiff.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
IDiff.phsA.rangeC.llLim.f	CF	FIXED_FLOAT
IDiff.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
IDiff.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
IDiff.phsB.cVal.mag.f	MX	[04 9B] - IB Diff 5H
IDiff.phsB.q	MX	Function (Get_Common_Quality())
IDiff.phsB.t	MX	AUTO_TIME
IDiff.phsB.db	CF	AUTO_DEADBAND_MX
IDiff.phsB.units.SIUnit	CF	[04 9B] - IB Diff 5H
IDiff.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
IDiff.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
IDiff.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
IDiff.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
IDiff.phsB.rangeC.llLim.f	CF	FIXED_FLOAT
IDiff.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
IDiff.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
IDiff.phsC.cVal.mag.f	MX	[04 9C] - IC Diff 5H
IDiff.phsC.q	MX	Function (Get_Common_Quality())
IDiff.phsC.t	MX	AUTO_TIME
IDiff.phsC.db	CF	AUTO_DEADBAND_MX
IDiff.phsC.units.SIUnit	CF	[04 9C] - IC Diff 5H
IDiff.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
IDiff.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
IDiff.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
IDiff.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
IDiff.phsC.rangeC.llLim.f	CF	FIXED_FLOAT
IDiff.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
IDiff.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
IDiff.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

3.42

Logical Node: XfrDifMMXU3**Description:** Transformer Differential Values

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	FIXED_NUMERIC
IBias.phsA.cVal.mag.f	MX	[04 94] - IA Bias PU
IBias.phsA.q	MX	Function (Get_Common_Quality())
IBias.phsA.t	MX	AUTO_TIME
IBias.phsA.units.SIUnit	CF	[04 95] - IB Bias PU
IBias.phsA.db	CF	AUTO_DEADBAND_MX
IBias.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
IBias.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
IBias.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
IBias.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
IBias.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
IBias.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
IBias.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
IBias.phsB.cVal.mag.f	MX	[04 95] - IB Bias PU
IBias.phsB.q	MX	Function (Get_Common_Quality())
IBias.phsB.t	MX	AUTO_TIME
IBias.phsB.units.SIUnit	CF	[04 95] - IB Bias PU
IBias.phsB.db	CF	AUTO_DEADBAND_MX
IBias.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
IBias.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
IBias.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
IBias.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
IBias.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
IBias.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
IBias.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
IBias.phsC.cVal.mag.f	MX	[04 96] - IC Bias PU
IBias.phsC.q	MX	Function (Get_Common_Quality())
IBias.phsC.t	MX	AUTO_TIME
IBias.phsC.db	CF	AUTO_DEADBAND_MX
IBias.phsC.units.SIUnit	CF	[04 96] - IC Bias PU

Attribute	FC	Source
IBias.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
IBias.phsC.rangeC.hhLim.f	CF	[04 96] - IC Bias PU
IBias.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
IBias.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
IBias.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
IBias.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
IBias.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
IBias.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
IDiff.phsA.cVal.mag.f	MX	[04 91] - IA Diff PU
IDiff.phsA.q	MX	Function (Get_Common_Quality())
IDiff.phsA.t	MX	AUTO_TIME
IDiff.phsA.db	CF	AUTO_DEADBAND_MX
IDiff.phsA.units.SIUnit	CF	[04 91] - IA Diff PU
IDiff.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
IDiff.phsA.rangeC.hhLim.f	CF	FIXED_FLOAT
IDiff.phsA.rangeC.hLim.f	CF	FIXED_FLOAT
IDiff.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
IDiff.phsA.rangeC.lLim.f	CF	FIXED_FLOAT
IDiff.phsA.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
IDiff.phsA.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
IDiff.phsB.cVal.mag.f	MX	[04 92] - IB Diff PU
IDiff.phsB.q	MX	Function (Get_Common_Quality())
IDiff.phsB.t	MX	AUTO_TIME
IDiff.phsB.units.SIUnit	CF	[04 92] - IB Diff PU
IDiff.phsB.db	CF	AUTO_DEADBAND_MX
IDiff.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
IDiff.phsB.rangeC.hhLim.f	CF	FIXED_FLOAT
IDiff.phsB.rangeC.hLim.f	CF	FIXED_FLOAT
IDiff.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
IDiff.phsB.rangeC.lLim.f	CF	FIXED_FLOAT
IDiff.phsB.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
IDiff.phsB.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
IDiff.phsC.cVal.mag.f	MX	[04 93] - IC Diff PU
IDiff.phsC.q	MX	Function (Get_Common_Quality())
IDiff.phsC.t	MX	AUTO_TIME
IDiff.phsC.db	CF	AUTO_DEADBAND_MX
IDiff.phsC.units.SIUnit	CF	[04 93] - IC Diff PU
IDiff.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
IDiff.phsC.rangeC.hhLim.f	CF	FIXED_FLOAT
IDiff.phsC.rangeC.hLim.f	CF	FIXED_FLOAT
IDiff.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
IDiff.phsC.rangeC.lLim.f	CF	FIXED_FLOAT
IDiff.phsC.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
IDiff.phsC.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT

Attribute	FC	Source
IDiff.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4 Logical Device: Protection

This section details Courier Cell and Digital Data Bus assignments to IEC61850 Data Attributes within Logical Nodes contained in the Protection Logical Device.

4.1 Logical Node: CbfRBRF1

Description: CB Fail 1

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[45 02] - CB Fail 1 Status
Beh.stVal	ST	[FE 23] - CbfRBRF1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 24] - CbfRBRF1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
OpEx.general	ST	DDB_CBF1_TRIP_3PH (828)
OpEx.q	ST	[FE 23] - CbfRBRF1 Beh
OpEx.t	ST	AUTO_TIME

4.2 Logical Node: CbfRBRF2

Description: CB Fail 2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[45 04] - CB Fail 2 Status
Beh.stVal	ST	[FE 25] - CbfRBRF2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 26] - CbfRBRF2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
OpEx.general	ST	DDB_CBF2_TRIP_3PH (829)
OpEx.q	ST	[FE 25] - CbfRBRF2 Beh
OpEx.t	ST	AUTO_TIME

4.3

Logical Node: CliAlmPTUC1**Description:** CLIO Input 1 Alarm

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[4D 02] - CLIO Input 1
Beh.stVal	ST	[FE 37] - CLIO Alarm 1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	[FE 3B] - CLIO 1 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 3F] - CLIO Alarm 1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_CL_INPUT_1_ALARM (386)
Str.general	ST	DDB_CL_INPUT_1_ALARM_START (1232)
Op.q	ST	[FE 37] - CLIO Alarm 1 Beh
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 37] - CLIO Alarm 1 Beh
Op.t	ST	AUTO_TIME
Str.t	ST	AUTO_TIME
ModOvA.stVal	ST	[4D 0E] - CLIO Alarm Fn
ModOvA.q	ST	[FE 37] - CLIO Alarm 1 Beh
ModOvA.t	ST	AUTO_TIME
ModOvA.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.4

Logical Node: CliAlmPTUC2**Description:** CLIO Input 2 Alarm

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[4D 22] - CLIO Input 2
Beh.stVal	ST	[FE 38] - CLIO Alarm 2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	[FE 3C] - CLIO 2 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 40] - CLIO Alarm 2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_CL_INPUT_2_ALARM (387)

Attribute	FC	Source
Str.general	ST	DDB_CL_INPUT_2_ALARM_START (1233)
Str.dirGeneral	ST	FIXED_NUMERIC
Op.q	ST	[FE 38] - CLIO Alarm 2 Beh
Str.q	ST	[FE 38] - CLIO Alarm 2 Beh
Op.t	ST	AUTO_TIME
Str.t	ST	AUTO_TIME
ModOvA.stVal	ST	[4D 2E] - CLI2 Alarm Fn
ModOvA.q	ST	[FE 38] - CLIO Alarm 2 Beh
ModOvA.t	ST	AUTO_TIME
ModOvA.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.5

Logical Node: CliAlmPTUC3**Description:** CLIO Input 3 Alarm

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[4D 42] - CLIO Input 3
Beh.stVal	ST	[FE 39] - CLIO Alarm 3 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	[FE 3D] - CLIO 3 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 41] - CLIO Alarm 3 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_CL_INPUT_3_ALARM (388)
Str.general	ST	DDB_CL_INPUT_3_ALARM_START (1234)
Op.q	ST	[FE 39] - CLIO Alarm 3 Beh
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 39] - CLIO Alarm 3 Beh
Op.t	ST	AUTO_TIME
Str.t	ST	AUTO_TIME
ModOvA.stVal	ST	[4D 4E] - CLI3 Alarm Fn
ModOvA.q	ST	[FE 39] - CLIO Alarm 3 Beh
ModOvA.t	ST	AUTO_TIME
ModOvA.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.6

Logical Node: CliAlmPTUC4**Description:** CLIO Input 4 Alarm

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[4D 62] - CLIO Input 4

Attribute	FC	Source
Beh.stVal	ST	[FE 3A] - CLIO Alarm 4 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	[FE 3E] - CLIO 4 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 42] - CLIO Alarm 4 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_CL_INPUT_4_ALARM (389)
Str.general	ST	DDB_CL_INPUT_4_ALARM_START (1235)
Op.q	ST	[FE 3A] - CLIO Alarm 4 Beh
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 3A] - CLIO Alarm 4 Beh
Op.t	ST	AUTO_TIME
Str.t	ST	AUTO_TIME
ModOvA.stVal	ST	[4D 6E] - CLIO Alarm Fn
ModOvA.q	ST	[FE 3A] - CLIO Alarm 4 Beh
ModOvA.t	ST	AUTO_TIME
ModOvA.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.7

Logical Node: CliRCLI1**Description:** Current loop input supervision - channel 1

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[04 25] - CLIO Input 1
NamPlt.lnNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 37] - CLIO Alarm 1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	[FE 3B] - CLIO 1 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 3F] - CLIO Alarm 1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Blk.stVal	ST	DDB_CL_INPUT_1_BLOCK (656)

Attribute	FC	Source
Blk.q	ST	[FE 37] - CLIO Alarm 1 Beh
Blk.t	ST	AUTO_TIME
Blk.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Max.setMag.f	SP	[4D 0A] - CLI1 Maximum
Max.units.SIUnit	CF	[4D 0A] - CLI1 Maximum
Max.units.multiplier	CF	AUTO_VARIABLE_INT
Max.d	DC	[4D 0A] - CLI1 Maximum
Max.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
Min.setMag.f	SP	[4D 08] - CLI1 Minimum
Min.units.SIUnit	CF	[4D 08] - CLI1 Minimum
Min.units.multiplier	CF	AUTO_VARIABLE_INT
Min.d	DC	[4D 08] - CLI1 Minimum
Min.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
Val.mag.f	MX	[04 25] - CLIO Input 1
Val.q	MX	[FE 37] - CLIO Alarm 1 Beh
Val.t	MX	AUTO_TIME
Val.units.SIUnit	CF	[04 25] - CLIO Input 1
Val.units.multiplier	CF	AUTO_VARIABLE_INT
Val.db	CF	AUTO_DEADBAND_MX
Val.rangeC.hhLim.f	CF	FIXED_FLOAT
Val.rangeC.hLim.f	CF	FIXED_FLOAT
Val.rangeC.lLim.f	CF	FIXED_FLOAT
Val.rangeC.lLim.f	CF	FIXED_FLOAT
Val.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Val.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
Val.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.8

Logical Node: CliRCL12**Description:** Current loop input supervision - channel 2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[04 26] - CLIO Input 2
NamPlt.lnNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 38] - CLIO Alarm 2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	[FE 3C] - CLIO 2 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 40] - CLIO Alarm 2 Mod

Attribute	FC	Source
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Blk.stVal	ST	DDB_CL_INPUT_2_BLOCK (657)
Blk.q	ST	[FE 38] - CLIO Alarm 2 Beh
Blk.t	ST	AUTO_TIME
Blk.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Max.setMag.f	SP	[4D 2A] - CLI2 Maximum
Max.units.SIUnit	CF	[4D 2A] - CLI2 Maximum
Max.units.multiplier	CF	AUTO_VARIABLE_INT
Max.d	DC	[4D 2A] - CLI2 Maximum
Max.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
Min.setMag.f	SP	[4D 28] - CLI2 Minimum
Min.units.SIUnit	CF	[4D 28] - CLI2 Minimum
Min.units.multiplier	CF	AUTO_VARIABLE_INT
Min.d	DC	[4D 28] - CLI2 Minimum
Min.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
Val.mag.f	MX	[04 26] - CLIO Input 2
Val.q	MX	[FE 38] - CLIO Alarm 2 Beh
Val.t	MX	AUTO_TIME
Val.units.SIUnit	CF	[04 26] - CLIO Input 2
Val.units.multiplier	CF	AUTO_VARIABLE_INT
Val.db	CF	AUTO_DEADBAND_MX
Val.rangeC.hhLim.f	CF	FIXED_FLOAT
Val.rangeC.hLim.f	CF	FIXED_FLOAT
Val.rangeC.lLim.f	CF	FIXED_FLOAT
Val.rangeC.lLim.f	CF	FIXED_FLOAT
Val.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Val.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
Val.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.9

Logical Node: ClIRCL13**Description:** Current loop input supervision - channel 3

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[04 27] - CLIO Input 3
NamPlt.lnNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 39] - CLIO Alarm 3 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)

Attribute	FC	Source
Health.stVal	ST	[FE 3D] - CLIO 3 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 41] - CLIO Alarm 3 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Blk.stVal	ST	DDB_CL_INPUT_3_BLOCK (658)
Blk.q	ST	[FE 39] - CLIO Alarm 3 Beh
Blk.t	ST	AUTO_TIME
Blk.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Max.setMag.f	SP	[4D 4A] - CLI3 Maximum
Max.units.SIUnit	CF	[4D 4A] - CLI3 Maximum
Max.units.multiplier	CF	AUTO_VARIABLE_INT
Max.d	DC	[4D 4A] - CLI3 Maximum
Max.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
Min.setMag.f	SP	[4D 48] - CLI3 Minimum
Min.units.SIUnit	CF	[4D 48] - CLI3 Minimum
Min.units.multiplier	CF	AUTO_VARIABLE_INT
Min.d	DC	[4D 48] - CLI3 Minimum
Min.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
Val.mag.f	MX	[04 27] - CLIO Input 3
Val.q	MX	[FE 39] - CLIO Alarm 3 Beh
Val.t	MX	AUTO_TIME
Val.units.SIUnit	CF	[04 27] - CLIO Input 3
Val.units.multiplier	CF	AUTO_VARIABLE_INT
Val.db	CF	AUTO_DEADBAND_MX
Val.rangeC.hhLim.f	CF	FIXED_FLOAT
Val.rangeC.hLim.f	CF	FIXED_FLOAT
Val.rangeC.lLim.f	CF	FIXED_FLOAT
Val.rangeC.lLim.f	CF	FIXED_FLOAT
Val.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Val.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
Val.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.10

Logical Node: ClIRCL14

Description: Current loop input supervision - channel 4

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[04 28] - CLIO Input 4
NamPlt.InNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

Attribute	FC	Source
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 3A] - CLIO Alarm 4 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	[FE 3E] - CLIO 4 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 42] - CLIO Alarm 4 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Blk.stVal	ST	DDB_CL_INPUT_4_BLOCK (659)
Blk.q	ST	[FE 3A] - CLIO Alarm 4 Beh
Blk.t	ST	AUTO_TIME
Blk.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Max.setMag.f	SP	[4D 6A] - CLI4 Maximum
Max.units.SIUnit	CF	[4D 4A] - CLI3 Maximum
Max.units.multiplier	CF	AUTO_VARIABLE_INT
Max.d	DC	[4D 6A] - CLI4 Maximum
Max.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
Min.setMag.f	SP	[4D 68] - CLI4 Minimum
Min.units.SIUnit	CF	[4D 48] - CLI3 Minimum
Min.units.multiplier	CF	AUTO_VARIABLE_INT
Min.d	DC	[4D 68] - CLI4 Minimum
Min.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
Val.mag.f	MX	[04 28] - CLIO Input 4
Val.q	MX	[FE 3A] - CLIO Alarm 4 Beh
Val.t	MX	AUTO_TIME
Val.units.SIUnit	CF	[04 28] - CLIO Input 4
Val.units.multiplier	CF	AUTO_VARIABLE_INT
Val.db	CF	AUTO_DEADBAND_MX
Val.rangeC.hhLim.f	CF	FIXED_FLOAT
Val.rangeC.hLim.f	CF	FIXED_FLOAT
Val.rangeC.lLim.f	CF	FIXED_FLOAT
Val.rangeC.lLim.f	CF	FIXED_FLOAT
Val.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
Val.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
Val.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.11 Logical Node: CliTrpPTUC1

Description: Current Loop Input 1 Trip

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[4D 02] - CLIO Input 1
Beh.stVal	ST	[FE 47] - CLIO Trip 1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	[FE 3B] - CLIO 1 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 43] - CLIO Trip 1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_CL_INPUT_1_TRIP (987)
Str.general	ST	DDB_CL_INPUT_1_TRIP_START (1236)
Str.dirGeneral	ST	FIXED_NUMERIC
Op.q	ST	[FE 47] - CLIO Trip 1 Beh
Str.q	ST	[FE 47] - CLIO Trip 1 Beh
Op.t	ST	AUTO_TIME
Str.t	ST	AUTO_TIME
ModOvA.stVal	ST	[4D 0E] - CLI1 Alarm Fn
ModOvA.q	ST	[FE 47] - CLIO Trip 1 Beh
ModOvA.t	ST	AUTO_TIME
ModOvA.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.12

Logical Node: CliTrpPTUC2**Description:** Current Loop Input 2 Trip

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[4D 22] - CLIO Input 2
Beh.stVal	ST	[FE 48] - CLIO Trip 2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	[FE 3C] - CLIO 2 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 44] - CLIO Trip 2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_CL_INPUT_2_TRIP (988)
Str.general	ST	DDB_CL_INPUT_2_TRIP_START (1237)
Str.dirGeneral	ST	FIXED_NUMERIC

Attribute	FC	Source
Op.q	ST	[FE 48] - CLIO Trip 2 Beh
Str.q	ST	[FE 48] - CLIO Trip 2 Beh
Op.t	ST	AUTO_TIME
Str.t	ST	AUTO_TIME
ModOvA.stVal	ST	[4D 2E] - CLI2 Alarm Fn
ModOvA.q	ST	[FE 48] - CLIO Trip 2 Beh
ModOvA.t	ST	AUTO_TIME
ModOvA.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.13

Logical Node: CliTrpPTUC3**Description:** Current Loop Input 3 Trip

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[4D 42] - CLIO Input 3
Beh.stVal	ST	[FE 49] - CLIO Trip 3 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	[FE 3D] - CLIO 3 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 45] - CLIO Trip 3 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_CL_INPUT_3_TRIP (989)
Str.general	ST	DDB_CL_INPUT_3_TRIP_START (1238)
Op.q	ST	[FE 49] - CLIO Trip 3 Beh
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 49] - CLIO Trip 3 Beh
Op.t	ST	AUTO_TIME
Str.t	ST	AUTO_TIME
ModOvA.stVal	ST	[4D 4E] - CLI3 Alarm Fn
ModOvA.q	ST	[FE 49] - CLIO Trip 3 Beh
ModOvA.t	ST	AUTO_TIME
ModOvA.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.14

Logical Node: CliTrpPTUC4**Description:** Current Loop Input 4 Trip

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[4D 62] - CLIO Input 4
Beh.stVal	ST	[FE 4A] - CLIO Trip 4 Beh
Beh.q	ST	FIXED_NUMERIC

Attribute	FC	Source
Beh.t	ST	AUTO_TIME
Health.stVal	ST	[FE 3E] - CLIO 4 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 46] - CLIO Trip 4 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_CL_INPUT_4_TRIP (990)
Str.general	ST	DDB_CL_INPUT_4_TRIP_START (1239)
Op.q	ST	[FE 4A] - CLIO Trip 4 Beh
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 4A] - CLIO Trip 4 Beh
Op.t	ST	AUTO_TIME
Str.t	ST	AUTO_TIME
ModOvA.stVal	ST	[4D 6E] - CLI4 Alarm Fn
ModOvA.q	ST	[FE 4A] - CLIO Trip 4 Beh
ModOvA.t	ST	AUTO_TIME
ModOvA.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.15

Logical Node: DfpPFRC1

Description: df/dt> 1 Frequency Rate of Change

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[3E 00] - GROUP 1 DF/DT
Beh.stVal	ST	[FE 29] - DfpPFRC1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 2A] - DfpPFRC1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_DFDT_1_START (1184)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 29] - DfpPFRC1 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_DFDT_1_TRIP (928)
Op.q	ST	[FE 29] - DfpPFRC1 Beh
Op.t	ST	AUTO_TIME

4.16

Logical Node: DfpPFRC2**Description:** df/dt > 2 Frequency Rate of Change

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[3E 00] - GROUP 1 DF/DT
Beh.stVal	ST	[FE 2B] - DfpPFRC2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 2C] - DfpPFRC2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_DFDT_2_START (1185)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 2B] - DfpPFRC2 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_DFDT_2_TRIP (929)
Op.q	ST	[FE 2B] - DfpPFRC2 Beh
Op.t	ST	AUTO_TIME

4.17

Logical Node: DfpPFRC3**Description:** df/dt > 3 Frequency Rate of Change

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[3E 00] - GROUP 1 DF/DT
Beh.stVal	ST	[FE 2D] - DfpPFRC3 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 2E] - DfpPFRC3 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_DFDT_3_START (1186)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 2D] - DfpPFRC3 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_DFDT_3_TRIP (930)

Attribute	FC	Source
Op.q	ST	[FE 2D] - DfpPFRC3 Beh
Op.t	ST	AUTO_TIME

4.18**Logical Node: DfpPFRC4****Description:** df/dt> 4 Frequency Rate of Change

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[3E 00] - GROUP 1 DF/DT
Beh.stVal	ST	[FE 2F] - DfpPFRC4 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 30] - DfpPFRC4 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_DFDT_4_START (1187)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 2F] - DfpPFRC4 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_DFDT_4_TRIP (931)
Op.q	ST	[FE 2F] - DfpPFRC4 Beh
Op.t	ST	AUTO_TIME

4.19**Logical Node: DifPDIF1****Description:** differential protection

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	[FE 31] - DifPDIF1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 32] - DifPDIF1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_GENDIFF_3PH_TRIP (736)
Op.q	ST	[FE 31] - DifPDIF1 Beh

Attribute	FC	Source
Op.t	ST	AUTO_TIME

4.20**Logical Node: DmpPDMP1****Description:** Dead machine

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[40 01] - Dead Mach Status
NamPlt.lnNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 33] - DmpPDMP1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 34] - DmpPDMP1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Op.general	ST	DDB_DEADMACH_TRIP (880)
Op.q	ST	[FE 33] - DmpPDMP1 Beh
Op.t	ST	AUTO_TIME
Op.dataNs	EX	Namespace (IEC 61850-7-4:2007A)

4.21**Logical Node: EftPTOC1****Description:** Earth fault - stage 1

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[38 00] - GROUP 1 EARTH FAULT
Beh.stVal	ST	[FE 4B] - EftPTOC1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 4C] - EftPTOC1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_EF1_1_START (1008)

Attribute	FC	Source
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 4B] - EftPTOC1 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_EF1_1_TRIP (768)
Op.q	ST	[FE 4B] - EftPTOC1 Beh
Op.t	ST	AUTO_TIME

4.22

Logical Node: EftPTOC2**Description:** Earth fault - stage 2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[38 00] - GROUP 1 EARTH FAULT
Beh.stVal	ST	[FE 4D] - EftPTOC2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 4E] - EftPTOC2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_EF1_2_START (1009)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 4D] - EftPTOC2 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_EF1_2_TRIP (769)
Op.q	ST	[FE 4D] - EftPTOC2 Beh
Op.t	ST	AUTO_TIME

4.23

Logical Node: ExcPDUP1**Description:** Under excitation - stage 1

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[32 04] - FFail1 Status
Beh.stVal	ST	[FE 53] - ExcPDUP1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 54] - ExcPDUP1 Mod
Mod.q	ST	FIXED_NUMERIC

Attribute	FC	Source
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_FIELD_1_START (1120)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 53] - ExcPDUP1 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_FIELD_1_TRIP (864)
Op.q	ST	[FE 53] - ExcPDUP1 Beh
Op.t	ST	AUTO_TIME

4.24

Logical Node: ExcPDUP2**Description:** Under excitation - stage 2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[32 09] - FFail2 Status
Beh.stVal	ST	[FE 55] - ExcPDUP2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 56] - ExcPDUP2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_FIELD_2_START (1121)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 55] - ExcPDUP2 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_FIELD_2_TRIP (865)
Op.q	ST	[FE 55] - ExcPDUP2 Beh
Op.t	ST	AUTO_TIME

4.25

Logical Node: FrqPTOF1**Description:** F> 1 Over Frequency

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[43 0F] - OVER FREQUENCY
Beh.stVal	ST	[FE 57] - FrqPTOF1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC

Attribute	FC	Source
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 58] - FrqPTOF1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_OFREQ_1_START (1176)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 57] - FrqPTOF1 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_OFREQ_1_TRIP (920)
Op.q	ST	[FE 57] - FrqPTOF1 Beh
Op.t	ST	AUTO_TIME

4.26

Logical Node: FrqPTOF2**Description:** F > 2 Over Frequency

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[43 0F] - OVER FREQUENCY
Beh.stVal	ST	[FE 59] - FrqPTOF2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 5A] - FrqPTOF2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_OFREQ_2_START (1177)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 59] - FrqPTOF2 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_OFREQ_2_TRIP (921)
Op.q	ST	[FE 59] - FrqPTOF2 Beh
Op.t	ST	AUTO_TIME

4.27

Logical Node: FrqPTUF1**Description:** F < 1 Under Frequency

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[43 01] - UNDER FREQUENCY
Beh.stVal	ST	[FE 5B] - FrqPTUF1 Beh
Beh.q	ST	FIXED_NUMERIC

Attribute	FC	Source
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 5C] - FrqPTUF1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_UFREQ_1_START (1172)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 5B] - FrqPTUF1 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_UFREQ_1_TRIP (916)
Op.q	ST	[FE 5B] - FrqPTUF1 Beh
Op.t	ST	AUTO_TIME

4.28

Logical Node: FrqPTUF2**Description:** F < 2 Under Frequency

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[43 01] - UNDER FREQUENCY
Beh.stVal	ST	[FE 5D] - FrqPTUF2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 5E] - FrqPTUF2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_UFREQ_2_START (1173)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 5D] - FrqPTUF2 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_UFREQ_2_TRIP (917)
Op.q	ST	[FE 5D] - FrqPTUF2 Beh
Op.t	ST	AUTO_TIME

4.29

Logical Node: FrqPTUF3**Description:** F < 3 Under Frequency

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1

Attribute	FC	Source
NamPlt.d	DC	[43 01] - UNDER FREQUENCY
Beh.stVal	ST	[FE 5F] - FrqPTUF3 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 60] - FrqPTUF3 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_UFREQ_3_START (1174)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 5F] - FrqPTUF3 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_UFREQ_3_TRIP (918)
Op.q	ST	[FE 5F] - FrqPTUF3 Beh
Op.t	ST	AUTO_TIME

4.30**Logical Node: FrqPTUF4****Description:** F < 4 Under Frequency

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[43 01] - UNDER FREQUENCY
Beh.stVal	ST	[FE 61] - FrqPTUF4 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 62] - FrqPTUF4 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_UFREQ_4_START (1175)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 61] - FrqPTUF4 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_UFREQ_4_TRIP (919)
Op.q	ST	[FE 61] - FrqPTUF4 Beh
Op.t	ST	AUTO_TIME

4.31**Logical Node: HotPTTR1****Description:** Hot spot thermal protection

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	DDB_XFORMER_HOT_SPOT_1_TRIP (946)
Beh.stVal	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 64] - Mod TopPTTRx, HotPTTRx
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	FIXED_NUMERIC
Str.general	ST	DDB_XFORMER_HOT_SPOT_1_START (1200)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_XFORMER_HOT_SPOT_1_TRIP (946)
Op.q	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
Op.t	ST	AUTO_TIME
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[04 24] - Reset ThermalO/L
MTRRs.q	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
MTRRs.t	ST	AUTO_TIME
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[04 24] - Reset ThermalO/L

4.32

Logical Node: HotPTTR2**Description:** Hot spot thermal protection

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	DDB_XFORMER_HOT_SPOT_2_TRIP (947)
Beh.stVal	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 64] - Mod TopPTTRx, HotPTTRx

Attribute	FC	Source
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	FIXED_NUMERIC
Str.general	ST	DDB_XFORMER_HOT_SPOT_2_START (1201)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_XFORMER_HOT_SPOT_2_TRIP (947)
Op.q	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
Op.t	ST	AUTO_TIME
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[04 24] - Reset ThermalO/L
MTRRs.q	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
MTRRs.t	ST	AUTO_TIME
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[04 24] - Reset ThermalO/L

4.33

Logical Node: HotPTTR3**Description:** Hot spot thermal protection

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	DDB_XFORMER_HOT_SPOT_3_TRIP (948)
Beh.stVal	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 64] - Mod TopPTTRx, HotPTTRx
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	FIXED_NUMERIC
Str.general	ST	DDB_XFORMER_HOT_SPOT_3_START (1202)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_XFORMER_HOT_SPOT_3_TRIP (948)
Op.q	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
Op.t	ST	AUTO_TIME

Attribute	FC	Source
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[04 24] - Reset ThermalO/L
MTRRs.q	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
MTRRs.t	ST	AUTO_TIME
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[04 24] - Reset ThermalO/L

4.34

Logical Node: LLN0

Description: LLN0 for P343

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.configRev	DC	FIXED_STRING
NamPlt.IdNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	Function (Get_PD_Health())
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	Function (Get_PD_Mode())
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
CbfBeh.stVal	ST	[09 20] - CB Fail
CbfBeh.q	ST	[09 20] - CB Fail
CbfBeh.t	ST	AUTO_TIME
CbfBeh.d	DC	[09 20] - CB Fail
CbfBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
CbfMod.stVal	ST	[09 20] - CB Fail
CbfMod.q	ST	[09 20] - CB Fail
CbfMod.t	ST	AUTO_TIME
CbfMod.stSeld	ST	AUTO_VARIABLE_INT
CbfMod.ctlModel	CF	AUTO_CONTROL_MODEL
CbfMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
CbfMod.ctlVal	CO	[09 20] - CB Fail
CliBeh.stVal	ST	[09 30] - CLIO inputs
CliBeh.q	ST	[09 30] - CLIO inputs
CliBeh.t	ST	AUTO_TIME

Attribute	FC	Source
CliBeh.d	DC	[09 30] - CLIO inputs
CliBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
CliMod.stVal	ST	[09 30] - CLIO inputs
CliMod.q	ST	[09 30] - CLIO inputs
CliMod.t	ST	AUTO_TIME
CliMod.stSeld	ST	AUTO_VARIABLE_INT
CliMod.ctlModel	CF	AUTO_CONTROL_MODEL
CliMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
CliMod.ctlVal	CO	[09 30] - CLIO inputs
DfpBeh.stVal	ST	[09 19] - df/dt
DfpBeh.q	ST	[09 19] - df/dt
DfpBeh.t	ST	AUTO_TIME
DfpBeh.d	DC	[09 19] - df/dt
DfpBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
DfpMod.stVal	ST	[09 19] - df/dt
DfpMod.q	ST	[09 19] - df/dt
DfpMod.t	ST	AUTO_TIME
DfpMod.stSeld	ST	AUTO_VARIABLE_INT
DfpMod.ctlModel	CF	AUTO_CONTROL_MODEL
DfpMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
DfpMod.ctlVal	CO	[09 19] - df/dt
DmpBeh.stVal	ST	[09 1B] - Dead Machine
DmpBeh.q	ST	[09 1B] - Dead Machine
DmpBeh.t	ST	AUTO_TIME
DmpBeh.d	DC	[09 1B] - Dead Machine
DmpBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
DmpMod.stVal	ST	[09 1B] - Dead Machine
DmpMod.q	ST	[09 1B] - Dead Machine
DmpMod.t	ST	AUTO_TIME
DmpMod.stSeld	ST	AUTO_VARIABLE_INT
DmpMod.ctlModel	CF	AUTO_CONTROL_MODEL
DmpMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
DmpMod.ctlVal	CO	[09 1B] - Dead Machine
EftBeh.stVal	ST	[09 13] - Earth Fault
EftBeh.q	ST	[09 13] - Earth Fault
EftBeh.t	ST	AUTO_TIME
EftBeh.d	DC	[09 13] - Earth Fault
EftBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
EftMod.stVal	ST	[09 13] - Earth Fault
EftMod.q	ST	[09 13] - Earth Fault
EftMod.t	ST	AUTO_TIME
EftMod.stSeld	ST	AUTO_VARIABLE_INT
EftMod.ctlModel	CF	AUTO_CONTROL_MODEL
EftMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

Attribute	FC	Source
EftMod.ctlVal	CO	[09 13] - Earth Fault
FrqBeh.stVal	ST	[09 1E] - Freq Protection
FrqBeh.q	ST	[09 1E] - Freq Protection
FrqBeh.t	ST	AUTO_TIME
FrqBeh.d	DC	[09 1E] - Freq Protection
FrqBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FrqMod.stVal	ST	[09 1E] - Freq Protection
FrqMod.q	ST	[09 1E] - Freq Protection
FrqMod.t	ST	AUTO_TIME
FrqMod.stSeld	ST	AUTO_VARIABLE_INT
FrqMod.ctlModel	CF	AUTO_CONTROL_MODEL
FrqMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FrqMod.ctlVal	CO	[09 1E] - Freq Protection
GenBeh.stVal	ST	[09 12] - Gen Differential
GenBeh.q	ST	[09 12] - Gen Differential
GenBeh.t	ST	AUTO_TIME
GenBeh.d	DC	[09 12] - Gen Differential
GenBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
GenMod.stVal	ST	[09 12] - Gen Differential
GenMod.q	ST	[09 12] - Gen Differential
GenMod.t	ST	AUTO_TIME
GenMod.stSeld	ST	AUTO_VARIABLE_INT
GenMod.ctlModel	CF	AUTO_CONTROL_MODEL
GenMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
GenMod.ctlVal	CO	[09 12] - Gen Differential
NpsBeh.stVal	ST	[09 0E] - NPS Thermal
NpsBeh.q	ST	[09 0E] - NPS Thermal
NpsBeh.t	ST	AUTO_TIME
NpsBeh.d	DC	[09 0E] - NPS Thermal
NpsBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NpsMod.stVal	ST	[09 0E] - NPS Thermal
NpsMod.q	ST	[09 0E] - NPS Thermal
NpsMod.t	ST	AUTO_TIME
NpsMod.stSeld	ST	AUTO_VARIABLE_INT
NpsMod.ctlModel	CF	AUTO_CONTROL_MODEL
NpsMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NpsMod.ctlVal	CO	[09 0E] - NPS Thermal
NvdBeh.stVal	ST	[09 16] - Residual O/V NVD
NvdBeh.q	ST	[09 16] - Residual O/V NVD
NvdBeh.t	ST	AUTO_TIME
NvdBeh.d	DC	[09 16] - Residual O/V NVD
NvdBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NvdMod.stVal	ST	[09 16] - Residual O/V NVD
NvdMod.q	ST	[09 16] - Residual O/V NVD

Attribute	FC	Source
NvdMod.t	ST	AUTO_TIME
NvdMod.stSeld	ST	AUTO_VARIABLE_INT
NvdMod.ctIModel	CF	AUTO_CONTROL_MODEL
NvdMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NvdMod.ctIVal	CO	[09 16] - Residual O/V NVD
OcpBeh.stVal	ST	[09 10] - Overcurrent
OcpBeh.q	ST	[09 10] - Overcurrent
OcpBeh.t	ST	AUTO_TIME
OcpBeh.d	DC	[09 10] - Overcurrent
OcpBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
OcpMod.stVal	ST	[09 10] - Overcurrent
OcpMod.q	ST	[09 10] - Overcurrent
OcpMod.t	ST	AUTO_TIME
OcpMod.stSeld	ST	AUTO_VARIABLE_INT
OcpMod.ctIModel	CF	AUTO_CONTROL_MODEL
OcpMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
OcpMod.ctIVal	CO	[09 10] - Overcurrent
PdpBeh.stVal	ST	[09 0C] - Power
PdpBeh.q	ST	[09 0C] - Power
PdpBeh.t	ST	AUTO_TIME
PdpBeh.d	DC	[09 0C] - Power
PdpBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
PdpMod.stVal	ST	[09 0C] - Power
PdpMod.q	ST	[09 0C] - Power
PdpMod.t	ST	AUTO_TIME
PdpMod.stSeld	ST	AUTO_VARIABLE_INT
PdpMod.ctIModel	CF	AUTO_CONTROL_MODEL
PdpMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
PdpMod.ctIVal	CO	[09 0C] - Power
PszBeh.stVal	ST	[09 24] - Pole Slipping
PszBeh.q	ST	[09 24] - Pole Slipping
PszBeh.t	ST	AUTO_TIME
PszBeh.d	DC	[09 24] - Pole Slipping
PszBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
PszMod.stVal	ST	[09 24] - Pole Slipping
PszMod.q	ST	[09 24] - Pole Slipping
PszMod.t	ST	AUTO_TIME
PszMod.stSeld	ST	AUTO_VARIABLE_INT
PszMod.ctIModel	CF	AUTO_CONTROL_MODEL
PszMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
PszMod.ctIVal	CO	[09 24] - Pole Slipping
RtdBeh.stVal	ST	[09 1F] - RTD Inputs
RtdBeh.q	ST	[09 1F] - RTD Inputs
RtdBeh.t	ST	AUTO_TIME

Attribute	FC	Source
RtdBeh.d	DC	[09 1F] - RTD Inputs
RtdBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
RtdMod.stVal	ST	[09 1F] - RTD Inputs
RtdMod.q	ST	[09 1F] - RTD Inputs
RtdMod.t	ST	AUTO_TIME
RtdMod.stSeld	ST	AUTO_VARIABLE_INT
RtdMod.ctlModel	CF	AUTO_CONTROL_MODEL
RtdMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
RtdMod.ctlVal	CO	[09 1F] - RTD Inputs
RtrBeh.stVal	ST	[09 14] - Rotor EF
RtrBeh.q	ST	[09 14] - Rotor EF
RtrBeh.t	ST	AUTO_TIME
RtrBeh.d	DC	[09 14] - Rotor EF
RtrBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
RtrMod.stVal	ST	[09 14] - Rotor EF
RtrMod.q	ST	[09 14] - Rotor EF
RtrMod.t	ST	AUTO_TIME
RtrMod.stSeld	ST	AUTO_VARIABLE_INT
RtrMod.ctlModel	CF	AUTO_CONTROL_MODEL
RtrMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
RtrMod.ctlVal	CO	[09 14] - Rotor EF
SbkBeh.stVal	ST	[09 0F] - System Backup
SbkBeh.q	ST	[09 0F] - System Backup
SbkBeh.t	ST	AUTO_TIME
SbkBeh.d	DC	[09 0F] - System Backup
SbkBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
SbkMod.stVal	ST	[09 0F] - System Backup
SbkMod.q	ST	[09 0F] - System Backup
SbkMod.t	ST	AUTO_TIME
SbkMod.stSeld	ST	AUTO_VARIABLE_INT
SbkMod.ctlModel	CF	AUTO_CONTROL_MODEL
SbkMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
SbkMod.ctlVal	CO	[09 0F] - System Backup
StaBeh.stVal	ST	[09 17] - 100
StaBeh.q	ST	[09 17] - 100
StaBeh.t	ST	AUTO_TIME
StaBeh.d	DC	[09 17] - 100
StaBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
StaMod.stVal	ST	[09 17] - 100
StaMod.q	ST	[09 17] - 100
StaMod.t	ST	AUTO_TIME
StaMod.stSeld	ST	AUTO_VARIABLE_INT
StaMod.ctlModel	CF	AUTO_CONTROL_MODEL
StaMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

Attribute	FC	Source
StaMod.ctlVal	CO	[09 17] - 100
SvnBeh.stVal	ST	[09 21] - Supervision
SvnBeh.q	ST	[09 21] - Supervision
SvnBeh.t	ST	AUTO_TIME
SvnBeh.d	DC	[09 21] - Supervision
SvnBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
SvnMod.stVal	ST	[09 21] - Supervision
SvnMod.q	ST	[09 21] - Supervision
SvnMod.t	ST	AUTO_TIME
SvnMod.stSeld	ST	AUTO_VARIABLE_INT
SvnMod.ctlModel	CF	AUTO_CONTROL_MODEL
SvnMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
SvnMod.ctlVal	CO	[09 21] - Supervision
ThmBeh.stVal	ST	[09 11] - Thermal Overload
ThmBeh.q	ST	[09 11] - Thermal Overload
ThmBeh.t	ST	AUTO_TIME
ThmBeh.d	DC	[09 11] - Thermal Overload
ThmBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
ThmMod.stVal	ST	[09 11] - Thermal Overload
ThmMod.q	ST	[09 11] - Thermal Overload
ThmMod.t	ST	AUTO_TIME
ThmMod.stSeld	ST	AUTO_VARIABLE_INT
ThmMod.ctlModel	CF	AUTO_CONTROL_MODEL
ThmMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
ThmMod.ctlVal	CO	[09 11] - Thermal Overload
UxpBeh.stVal	ST	[09 0D] - Field Failure
UxpBeh.q	ST	[09 0D] - Field Failure
UxpBeh.t	ST	AUTO_TIME
UxpBeh.d	DC	[09 0D] - Field Failure
UxpBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
UxpMod.stVal	ST	[09 0D] - Field Failure
UxpMod.q	ST	[09 0D] - Field Failure
UxpMod.t	ST	AUTO_TIME
UxpMod.stSeld	ST	AUTO_VARIABLE_INT
UxpMod.ctlModel	CF	AUTO_CONTROL_MODEL
UxpMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
UxpMod.ctlVal	CO	[09 0D] - Field Failure
VhzBeh.stVal	ST	[09 18] - V/Hz
VhzBeh.q	ST	[09 18] - V/Hz
VhzBeh.t	ST	AUTO_TIME
VhzBeh.d	DC	[09 18] - V/Hz
VhzBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
VhzMod.stVal	ST	[09 18] - V/Hz
VhzMod.q	ST	[09 18] - V/Hz

Attribute	FC	Source
VhzMod.t	ST	AUTO_TIME
VhzMod.stSeld	ST	AUTO_VARIABLE_INT
VhzMod.ctlModel	CF	AUTO_CONTROL_MODEL
VhzMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
VhzMod.ctlVal	CO	[09 18] - V/Hz
VtpBeh.stVal	ST	[09 1D] - Volt Protection
VtpBeh.q	ST	[09 1D] - Volt Protection
VtpBeh.t	ST	AUTO_TIME
VtpBeh.d	DC	[09 1D] - Volt Protection
VtpBeh.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
VtpMod.stVal	ST	[09 1D] - Volt Protection
VtpMod.q	ST	[09 1D] - Volt Protection
VtpMod.t	ST	AUTO_TIME
VtpMod.stSeld	ST	AUTO_VARIABLE_INT
VtpMod.ctlModel	CF	AUTO_CONTROL_MODEL
VtpMod.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
VtpMod.ctlVal	CO	[09 1D] - Volt Protection

4.35

Logical Node: LPHD1**Description:** Physical Device Information

Attribute	FC	Source
PhyNam.vendor	DC	FIXED_STRING
PhyNam.hwRev	DC	Function (Get_PD_Hardware_Revision())
PhyNam.swRev	DC	[00 11] - Software Ref. 1
PhyNam.serNum	DC	[00 08] - Serial Number
PhyNam.model	DC	[00 06] - Model Number
PhyNam.location	DC	[00 05] - Plant Reference
PhyHealth.stVal	ST	Function (Get_PD_Health())
PhyHealth.q	ST	Function (Get_Common_Quality())
PhyHealth.t	ST	AUTO_TIME
Proxy.stVal	ST	FIXED_NUMERIC
Proxy.q	ST	Function (Get_Common_Quality())
Proxy.t	ST	AUTO_TIME
Proxy.d	DC	FIXED_STRING
PwrUp.stVal	ST	FIXED_NUMERIC
PwrUp.q	ST	Function (Get_Common_Quality())
PwrUp.t	ST	AUTO_TIME
PwrUp.d	DC	FIXED_STRING

4.36

Logical Node: NpsPTOC1**Description:** NPS overcurrent - stage 1

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[35 50] - NPS OVERCURRENT

Attribute	FC	Source
Beh.stVal	ST	[FE 65] - NpsPTOC1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 66] - NpsPTOC1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_NPSOC_1_START (1064)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 65] - NpsPTOC1 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_NPSOC_1_TRIP (824)
Op.q	ST	[FE 65] - NpsPTOC1 Beh
Op.t	ST	AUTO_TIME

4.37**Logical Node: NpsPTOC2****Description:** NPS overcurrent - stage 2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[35 50] - NPS OVERCURRENT
Beh.stVal	ST	[FE 67] - NpsPTOC2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 68] - NpsPTOC2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_NPSOC_2_START (1065)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 67] - NpsPTOC2 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_NPSOC_2_TRIP (825)
Op.q	ST	[FE 67] - NpsPTOC2 Beh
Op.t	ST	AUTO_TIME

4.38**Logical Node: NpsPTOC3****Description:** NPS overcurrent - stage 3

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[35 50] - NPS OVERCURRENT
Beh.stVal	ST	[FE 69] - NpsPTOC3 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 6A] - NpsPTOC3 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_NPSOC_3_START (1066)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 69] - NpsPTOC3 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_NPSOC_3_TRIP (826)
Op.q	ST	[FE 69] - NpsPTOC3 Beh
Op.t	ST	AUTO_TIME

4.39

Logical Node: NpsPTOC4**Description:** NPS overcurrent - stage 4

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[35 50] - NPS OVERCURRENT
Beh.stVal	ST	[FE 6B] - NpsPTOC4 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 6C] - NpsPTOC4 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_NPSOC_4_START (1067)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 6B] - NpsPTOC4 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_NPSOC_4_TRIP (827)
Op.q	ST	[FE 6B] - NpsPTOC4 Beh
Op.t	ST	AUTO_TIME

4.40 Logical Node: NpsPTOV1**Description:** NPS Overvoltage

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[42 20] - NPS OVERVOLTAGE
Beh.stVal	ST	[FE 6D] - NpsPTOV1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 6E] - NpsPTOV1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_NPSOV_1_START (1102)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 6D] - NpsPTOV1 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_NPSOV_1_TRIP (846)
Op.q	ST	[FE 6D] - NpsPTOV1 Beh
Op.t	ST	AUTO_TIME

4.41 Logical Node: OcpPTOC1**Description:** I>1Phase overcurrent

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[35 20] - PHASE O/C
Beh.stVal	ST	[FE 6F] - OcpPTOC1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 70] - OcpPTOC1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_POC_1_3PH_START (1040)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 6F] - OcpPTOC1 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_POC_1_3PH_TRIP (800)

Attribute	FC	Source
Op.q	ST	[FE 6F] - OcpPTOC1 Beh
Op.t	ST	AUTO_TIME

4.42**Logical Node: OcpPTOC2****Description:** I>2 Phase overcurrent

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[35 20] - PHASE O/C
Beh.stVal	ST	[FE 71] - OcpPTOC2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 72] - OcpPTOC2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_POC_2_3PH_START (1044)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 71] - OcpPTOC2 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_POC_2_3PH_TRIP (804)
Op.q	ST	[FE 71] - OcpPTOC2 Beh
Op.t	ST	AUTO_TIME

4.43**Logical Node: OcpPTOC3****Description:** I>3 Phase overcurrent

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[35 20] - PHASE O/C
Beh.stVal	ST	[FE 73] - OcpPTOC3 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 74] - OcpPTOC3 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_POC_3_3PH_START (1048)
Str.dirGeneral	ST	FIXED_NUMERIC

Attribute	FC	Source
Str.q	ST	[FE 73] - OcpPTOC3 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_POC_3_3PH_TRIP (808)
Op.q	ST	[FE 73] - OcpPTOC3 Beh
Op.t	ST	AUTO_TIME

4.44**Logical Node: OcpPTOC4****Description:** I>4 Phase overcurrent

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[35 20] - PHASE O/C
Beh.stVal	ST	[FE 75] - OcpPTOC4 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 76] - OcpPTOC4 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_POC_4_3PH_START (1052)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 75] - OcpPTOC4 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_POC_4_3PH_TRIP (812)
Op.q	ST	[FE 75] - OcpPTOC4 Beh
Op.t	ST	AUTO_TIME

4.45**Logical Node: PdpPPWR1****Description:** Power protection (3-phase) stage 1

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[31 24] - Power1 Function
NamPlt.lnNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 77] - PdpPPWR1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME

Attribute	FC	Source
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 78] - PdpPPWR1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Op.general	ST	DDB_POWER_1_TRIP (882)
Op.q	ST	[FE 77] - PdpPPWR1 Beh
Op.t	ST	AUTO_TIME
Op.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Str.general	ST	DDB_POWER_1_START (1140)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 77] - PdpPPWR1 Beh
Str.t	ST	AUTO_TIME
Str.dataNs	EX	Namespace (IEC 61850-7-4:2007A)

4.46

Logical Node: PdpPPWR2**Description:** Power protection (3-phase) stage 2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[31 40] - Power2 Function
NamPlt.InNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 79] - PdpPPWR2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 7A] - PdpPPWR2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Op.general	ST	DDB_POWER_2_TRIP (883)
Op.q	ST	[FE 79] - PdpPPWR2 Beh
Op.t	ST	AUTO_TIME
Op.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Str.general	ST	DDB_POWER_2_START (1141)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 79] - PdpPPWR2 Beh

Attribute	FC	Source
Str.t	ST	AUTO_TIME
Str.dataNs	EX	Namespace (IEC 61850-7-4:2007A)

4.47

Logical Node: PszPPAM1**Description:** Pole Slip / Out of Step

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[49 00] - GROUP 1 POLE SLIPPING
Beh.stVal	ST	[FE 35] - PszPPAM1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 36] - PszPPAM1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	FIXED_NUMERIC
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 35] - PszPPAM1 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	FIXED_NUMERIC
Op.q	ST	[FE 35] - PszPPAM1 Beh
Op.t	ST	AUTO_TIME
Z1Op.general	ST	DDB_POLESLZ_ZONE1_TRIP (866)
Z1Op.q	ST	[FE 35] - PszPPAM1 Beh
Z1Op.t	ST	AUTO_TIME
Z1Op.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
Z1Str.general	ST	DDB_POLESLZ_ZONE1_START (1122)
Z1Str.dirGeneral	ST	FIXED_NUMERIC
Z1Str.q	ST	[FE 35] - PszPPAM1 Beh
Z1Str.t	ST	AUTO_TIME
Z1Str.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
Z2Op.general	ST	DDB_POLESLZ_ZONE2_TRIP (867)
Z2Op.q	ST	[FE 35] - PszPPAM1 Beh
Z2Op.t	ST	AUTO_TIME
Z2Op.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
Z2Str.general	ST	DDB_POLESLZ_ZONE2_START (1123)
Z2Str.dirGeneral	ST	FIXED_NUMERIC
Z2Str.q	ST	[FE 35] - PszPPAM1 Beh
Z2Str.t	ST	AUTO_TIME
Z2Str.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.48

Logical Node: PTRC1**Description:** Trip Conditioning

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	Function (Get_PD_Mode())
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Tr.general	ST	DDB_OUTPUT_CON_3 (66)
Tr.q	ST	Function (Get_Common_Quality())
Tr.t	ST	AUTO_TIME
Str.general	ST	DDB_ANY_START (992)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	Function (Get_Common_Quality())
Str.t	ST	AUTO_TIME

4.49

Logical Node: RtdPTTR1**Description:** RTD channel 1

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[04 12] - RTD 1
Beh.stVal	ST	[FE 0B] - RTD1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	[FE 15] - RTD1 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 01] - RTD1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_RTD_1_TRIP (976)
Op.q	ST	[FE 0B] - RTD1 Beh
Op.t	ST	AUTO_TIME
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR

Attribute	FC	Source
MTRRs.stVal	ST	[04 24] - Reset ThermalO/L
MTRRs.q	ST	[FE 0B] - RTD1 Beh
MTRRs.t	ST	AUTO_TIME
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[04 24] - Reset ThermalO/L

4.50**Logical Node: RtdPTTR10****Description:** RTD channe 10

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[04 1B] - RTD 10
Beh.stVal	ST	[FE 14] - RTD10 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	[FE 1E] - RTD10 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 0A] - RTD10 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_RTD_10_TRIP (985)
Op.q	ST	[FE 14] - RTD10 Beh
Op.t	ST	AUTO_TIME
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[04 24] - Reset ThermalO/L
MTRRs.q	ST	[FE 14] - RTD10 Beh
MTRRs.t	ST	AUTO_TIME
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[04 24] - Reset ThermalO/L

4.51**Logical Node: RtdPTTR2****Description:** RTD channel 2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[04 13] - RTD 2

Attribute	FC	Source
Beh.stVal	ST	[FE 0C] - RTD2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	[FE 16] - RTD2 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 02] - RTD2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_RTD_2_TRIP (977)
Op.q	ST	[FE 0C] - RTD2 Beh
Op.t	ST	AUTO_TIME
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[04 24] - Reset ThermalO/L
MTRRs.q	ST	[FE 0C] - RTD2 Beh
MTRRs.t	ST	AUTO_TIME
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[04 24] - Reset ThermalO/L

4.52

Logical Node: RtdPTTR3

Description: RTD channe 3

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[04 14] - RTD 3
Beh.stVal	ST	[FE 0D] - RTD3 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	[FE 17] - RTD3 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 03] - RTD3 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_RTD_3_TRIP (978)
Op.q	ST	[FE 0D] - RTD3 Beh
Op.t	ST	AUTO_TIME
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT

Attribute	FC	Source
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[04 24] - Reset ThermalO/L
MTRRs.q	ST	[FE 0D] - RTD3 Beh
MTRRs.t	ST	AUTO_TIME
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[04 24] - Reset ThermalO/L

4.53**Logical Node: RtdPTTR4****Description:** RTD channe 4

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[04 15] - RTD 4
Beh.stVal	ST	[FE 0E] - RTD4 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	[FE 18] - RTD4 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 04] - RTD4 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_RTD_4_TRIP (979)
Op.q	ST	[FE 0E] - RTD4 Beh
Op.t	ST	AUTO_TIME
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[04 24] - Reset ThermalO/L
MTRRs.q	ST	[FE 0E] - RTD4 Beh
MTRRs.t	ST	AUTO_TIME
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[04 24] - Reset ThermalO/L

4.54**Logical Node: RtdPTTR5****Description:** RTD channe 5

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1

Attribute	FC	Source
NamPlt.d	DC	[04 16] - RTD 5
Beh.stVal	ST	[FE 0F] - RTD5 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	[FE 19] - RTD5 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 05] - RTD5 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_RTD_5_TRIP (980)
Op.q	ST	[FE 0F] - RTD5 Beh
Op.t	ST	AUTO_TIME
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[04 24] - Reset ThermalO/L
MTRRs.q	ST	[FE 0F] - RTD5 Beh
MTRRs.t	ST	AUTO_TIME
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[04 24] - Reset ThermalO/L

4.55

Logical Node: RtdPTTR6**Description:** RTD channe 6

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[04 17] - RTD 6
Beh.stVal	ST	[FE 10] - RTD6 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	[FE 1A] - RTD6 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 06] - RTD6 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_RTD_6_TRIP (981)
Op.q	ST	[FE 10] - RTD6 Beh
Op.t	ST	AUTO_TIME

Attribute	FC	Source
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[04 24] - Reset ThermalO/L
MTRRs.q	ST	[FE 10] - RTD6 Beh
MTRRs.t	ST	AUTO_TIME
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[04 24] - Reset ThermalO/L

4.56

Logical Node: RtdPTTR7**Description:** RTD channe 7

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[04 18] - RTD 7
Beh.stVal	ST	[FE 11] - RTD7 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	[FE 1B] - RTD7 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 07] - RTD7 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_RTD_7_TRIP (982)
Op.q	ST	[FE 11] - RTD7 Beh
Op.t	ST	AUTO_TIME
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[04 24] - Reset ThermalO/L
MTRRs.q	ST	[FE 11] - RTD7 Beh
MTRRs.t	ST	AUTO_TIME
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[04 24] - Reset ThermalO/L

4.57

Logical Node: RtdPTTR8**Description:** RTD channe 8

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING

Attribute	FC	Source
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[04 19] - RTD 8
Beh.stVal	ST	[FE 12] - RTD8 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	[FE 1C] - RTD8 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 08] - RTD8 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_RTD_8_TRIP (983)
Op.q	ST	[FE 12] - RTD8 Beh
Op.t	ST	AUTO_TIME
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[04 24] - Reset ThermalO/L
MTRRs.q	ST	[FE 12] - RTD8 Beh
MTRRs.t	ST	AUTO_TIME
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[04 24] - Reset ThermalO/L

4.58

Logical Node: RtdPTTR9**Description:** RTD channe 9

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[04 1A] - RTD 9
Beh.stVal	ST	[FE 13] - RTD9 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	[FE 1D] - RTD9 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 09] - RTD9 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_RTD_9_TRIP (984)
Op.q	ST	[FE 13] - RTD9 Beh

Attribute	FC	Source
Op.t	ST	AUTO_TIME
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[04 24] - Reset ThermalO/L
MTRRs.q	ST	[FE 13] - RTD9 Beh
MTRRs.t	ST	AUTO_TIME
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[04 24] - Reset ThermalO/L

4.59

Logical Node: RtdRTTR1**Description:** RTD Supervision

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.lnNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 0B] - RTD1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	[FE 15] - RTD1 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 01] - RTD1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
DataErr.stVal	ST	[FE D1] - RTTR1 DataErr stVal
DataErr.q	ST	[FE 0B] - RTD1 Beh
DataErr.t	ST	AUTO_TIME
DataErr.d	DC	FIXED_STRING
DataErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
HWErr.stVal	ST	DDB_RTD_BOARD_FAILURE (378)
HWErr.q	ST	[FE 0B] - RTD1 Beh
HWErr.t	ST	AUTO_TIME
HWErr.d	DC	FIXED_STRING
HWErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
OpnCct.stVal	ST	[FE E5] - RTTR1 OpnCct stVal

Attribute	FC	Source
OpnCct.q	ST	[FE 0B] - RTD1 Beh
OpnCct.t	ST	AUTO_TIME
OpnCct.d	DC	FIXED_STRING
OpnCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
ShrtCct.stVal	ST	[FE DB] - RTTR1 ShrtCct stVal
ShrtCct.q	ST	[FE 0B] - RTD1 Beh
ShrtCct.t	ST	AUTO_TIME
ShrtCct.d	DC	FIXED_STRING
ShrtCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.60

Logical Node: RtdRTTR10**Description:** RTD Supervision

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.lnNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 14] - RTD10 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	[FE 1E] - RTD10 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 0A] - RTD10 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctIModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
DataErr.stVal	ST	[FE DA] - RTTR10 DataErr stVal
DataErr.q	ST	[FE 14] - RTD10 Beh
DataErr.t	ST	AUTO_TIME
DataErr.d	DC	FIXED_STRING
DataErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
HWErr.stVal	ST	DDB_RTD_BOARD_FAILURE (378)
HWErr.q	ST	[FE 14] - RTD10 Beh
HWErr.t	ST	AUTO_TIME
HWErr.d	DC	FIXED_STRING
HWErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
OpnCct.stVal	ST	[FE EE] - RTTR10 OpnCct stVal
OpnCct.q	ST	[FE 14] - RTD10 Beh
OpnCct.t	ST	AUTO_TIME

Attribute	FC	Source
OpnCct.d	DC	FIXED_STRING
OpnCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
ShrtCct.stVal	ST	[FE E4] - RTTR10 ShrtCct stVal
ShrtCct.q	ST	[FE 14] - RTD10 Beh
ShrtCct.t	ST	AUTO_TIME
ShrtCct.d	DC	FIXED_STRING
ShrtCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.61**Logical Node: RtdRTTR2****Description:** RTD Supervision

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.lnNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 0C] - RTD2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	[FE 16] - RTD2 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 02] - RTD2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
DataErr.stVal	ST	[FE D2] - RTTR2 DataErr stVal
DataErr.q	ST	[FE 0C] - RTD2 Beh
DataErr.t	ST	AUTO_TIME
DataErr.d	DC	FIXED_STRING
DataErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
HWErr.stVal	ST	DDB_RTD_BOARD_FAILURE (378)
HWErr.q	ST	[FE 0C] - RTD2 Beh
HWErr.t	ST	AUTO_TIME
HWErr.d	DC	FIXED_STRING
HWErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
OpnCct.stVal	ST	[FE E6] - RTTR2 OpnCct stVal
OpnCct.q	ST	[FE 0C] - RTD2 Beh
OpnCct.t	ST	AUTO_TIME
OpnCct.d	DC	FIXED_STRING
OpnCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

Attribute	FC	Source
ShrtCct.stVal	ST	[FE DC] - RTTR2 ShrtCct stVal
ShrtCct.q	ST	[FE 0C] - RTD2 Beh
ShrtCct.t	ST	AUTO_TIME
ShrtCct.d	DC	FIXED_STRING
ShrtCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.62

Logical Node: RtdRTTR3**Description:** RTD Supervision

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.InNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 0D] - RTD3 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	[FE 17] - RTD3 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 03] - RTD3 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctIModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
DataErr.stVal	ST	[FE D3] - RTTR3 DataErr stVal
DataErr.q	ST	[FE 0D] - RTD3 Beh
DataErr.t	ST	AUTO_TIME
DataErr.d	DC	FIXED_STRING
DataErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
HWErr.stVal	ST	DDB_RTD_BOARD_FAILURE (378)
HWErr.q	ST	[FE 0D] - RTD3 Beh
HWErr.t	ST	AUTO_TIME
HWErr.d	DC	FIXED_STRING
HWErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
OpnCct.stVal	ST	[FE E7] - RTTR3 OpnCct stVal
OpnCct.q	ST	[FE 0D] - RTD3 Beh
OpnCct.t	ST	AUTO_TIME
OpnCct.d	DC	FIXED_STRING
OpnCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
ShrtCct.stVal	ST	[FE DD] - RTTR3 ShrtCct stVal
ShrtCct.q	ST	[FE 0D] - RTD3 Beh

Attribute	FC	Source
ShrtCct.t	ST	AUTO_TIME
ShrtCct.d	DC	FIXED_STRING
ShrtCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.63

Logical Node: RtdRTTR4**Description:** RTD Supervision

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.lnNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 0E] - RTD4 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	[FE 18] - RTD4 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 04] - RTD4 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
DataErr.stVal	ST	[FE D4] - RTTR4 DataErr stVal
DataErr.q	ST	[FE 0E] - RTD4 Beh
DataErr.t	ST	AUTO_TIME
DataErr.d	DC	FIXED_STRING
DataErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
HWErr.stVal	ST	DDB_RTD_BOARD_FAILURE (378)
HWErr.q	ST	[FE 0E] - RTD4 Beh
HWErr.t	ST	AUTO_TIME
HWErr.d	DC	FIXED_STRING
HWErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
OpnCct.stVal	ST	[FE E8] - RTTR4 OpnCct stVal
OpnCct.q	ST	[FE 0E] - RTD4 Beh
OpnCct.t	ST	AUTO_TIME
OpnCct.d	DC	FIXED_STRING
OpnCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
ShrtCct.stVal	ST	[FE DE] - RTTR4 ShrtCct stVal
ShrtCct.q	ST	[FE 0E] - RTD4 Beh
ShrtCct.t	ST	AUTO_TIME
ShrtCct.d	DC	FIXED_STRING

Attribute	FC	Source
ShrtCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.64

Logical Node: RtdRTTR5**Description:** RTD Supervision

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.InNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 0F] - RTD5 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	[FE 19] - RTD5 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 05] - RTD5 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
DataErr.stVal	ST	[FE D5] - RTTR5 DataErr stVal
DataErr.q	ST	[FE 0F] - RTD5 Beh
DataErr.t	ST	AUTO_TIME
DataErr.d	DC	FIXED_STRING
DataErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
HWErr.stVal	ST	DDB_RTD_BOARD_FAILURE (378)
HWErr.q	ST	[FE 0F] - RTD5 Beh
HWErr.t	ST	AUTO_TIME
HWErr.d	DC	FIXED_STRING
HWErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
OpnCct.stVal	ST	[FE E9] - RTTR5 OpnCct stVal
OpnCct.q	ST	[FE 0F] - RTD5 Beh
OpnCct.t	ST	AUTO_TIME
OpnCct.d	DC	FIXED_STRING
OpnCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
ShrtCct.stVal	ST	[FE DF] - RTTR5 ShrtCct stVal
ShrtCct.q	ST	[FE 0F] - RTD5 Beh
ShrtCct.t	ST	AUTO_TIME
ShrtCct.d	DC	FIXED_STRING
ShrtCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.65

Logical Node: RtdRTTR6**Description:** RTD Supervision

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.lnNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 10] - RTD6 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	[FE 1A] - RTD6 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 06] - RTD6 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
DataErr.stVal	ST	[FE D6] - RTTR6 DataErr stVal
DataErr.q	ST	[FE 10] - RTD6 Beh
DataErr.t	ST	AUTO_TIME
DataErr.d	DC	FIXED_STRING
DataErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
HWErr.stVal	ST	DDB_RTD_BOARD_FAILURE (378)
HWErr.q	ST	[FE 10] - RTD6 Beh
HWErr.t	ST	AUTO_TIME
HWErr.d	DC	FIXED_STRING
HWErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
OpnCct.stVal	ST	[FE EA] - RTTR6 OpnCct stVal
OpnCct.q	ST	[FE 10] - RTD6 Beh
OpnCct.t	ST	AUTO_TIME
OpnCct.d	DC	FIXED_STRING
OpnCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
ShrtCct.stVal	ST	[FE E0] - RTTR6 ShrtCct stVal
ShrtCct.q	ST	[FE 10] - RTD6 Beh
ShrtCct.t	ST	AUTO_TIME
ShrtCct.d	DC	FIXED_STRING
ShrtCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.66

Logical Node: RtdRTTR7**Description:** RTD Supervision

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.InNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 11] - RTD7 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	[FE 1B] - RTD7 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 07] - RTD7 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
DataErr.stVal	ST	[FE D7] - RTTR7 DataErr stVal
DataErr.q	ST	[FE 11] - RTD7 Beh
DataErr.t	ST	AUTO_TIME
DataErr.d	DC	FIXED_STRING
DataErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
HWErr.stVal	ST	DDB_RTD_BOARD_FAILURE (378)
HWErr.q	ST	[FE 11] - RTD7 Beh
HWErr.t	ST	AUTO_TIME
HWErr.d	DC	FIXED_STRING
HWErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
OpnCct.stVal	ST	[FE EB] - RTTR7 OpnCct stVal
OpnCct.q	ST	[FE 11] - RTD7 Beh
OpnCct.t	ST	AUTO_TIME
OpnCct.d	DC	FIXED_STRING
OpnCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
ShrtCct.stVal	ST	[FE E1] - RTTR7 ShrtCct stVal
ShrtCct.q	ST	[FE 11] - RTD7 Beh
ShrtCct.t	ST	AUTO_TIME
ShrtCct.d	DC	FIXED_STRING
ShrtCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.67

Logical Node: RtdRTTR8**Description:** RTD Supervision

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1

Attribute	FC	Source
NamPlt.d	DC	FIXED_STRING
NamPlt.InNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 12] - RTD8 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	[FE 1C] - RTD8 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 08] - RTD8 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
DataErr.stVal	ST	[FE D8] - RTTR8 DataErr stVal
DataErr.q	ST	[FE 12] - RTD8 Beh
DataErr.t	ST	AUTO_TIME
DataErr.d	DC	FIXED_STRING
DataErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
HWErr.stVal	ST	DDB_RTD_BOARD_FAILURE (378)
HWErr.q	ST	[FE 12] - RTD8 Beh
HWErr.t	ST	AUTO_TIME
HWErr.d	DC	FIXED_STRING
HWErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
OpnCct.stVal	ST	[FE EC] - RTTR8 OpnCct stVal
OpnCct.q	ST	[FE 12] - RTD8 Beh
OpnCct.t	ST	AUTO_TIME
OpnCct.d	DC	FIXED_STRING
OpnCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
ShrtCct.stVal	ST	[FE E2] - RTTR8 ShrtCct stVal
ShrtCct.q	ST	[FE 12] - RTD8 Beh
ShrtCct.t	ST	AUTO_TIME
ShrtCct.d	DC	FIXED_STRING
ShrtCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.68

Logical Node: RtdRTTR9**Description:** RTD Supervision

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.InNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

Attribute	FC	Source
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 13] - RTD9 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	[FE 1D] - RTD9 Health
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 09] - RTD9 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
DataErr.stVal	ST	[FE D9] - RTTR9 DataErr stVal
DataErr.q	ST	[FE 13] - RTD9 Beh
DataErr.t	ST	AUTO_TIME
DataErr.d	DC	FIXED_STRING
DataErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
HWErr.stVal	ST	DDB_RTD_BOARD_FAILURE (378)
HWErr.q	ST	[FE 13] - RTD9 Beh
HWErr.t	ST	AUTO_TIME
HWErr.d	DC	FIXED_STRING
HWErr.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
OpnCct.stVal	ST	[FE ED] - RTTR9 OpnCct stVal
OpnCct.q	ST	[FE 13] - RTD9 Beh
OpnCct.t	ST	AUTO_TIME
OpnCct.d	DC	FIXED_STRING
OpnCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
ShrtCct.stVal	ST	[FE E3] - RTTR9 ShrtCct stVal
ShrtCct.q	ST	[FE 13] - RTD9 Beh
ShrtCct.t	ST	AUTO_TIME
ShrtCct.d	DC	FIXED_STRING
ShrtCct.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.69

Logical Node: RtpTrpPTTR1**Description:** Rotor thermal - NPS trip

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[33 00] - GROUP 1 NPS THERMAL
Beh.stVal	ST	[FE 7B] - RtpTrpPTTR1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME

Attribute	FC	Source
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 7C] - RtpTrpPTTR1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_NPS_TRIP (944)
Op.q	ST	[FE 7B] - RtpTrpPTTR1 Beh
Op.t	ST	AUTO_TIME
AlmThm.stVal	ST	DDB_NPS_ALARM (370)
AlmThm.q	ST	[FE 7B] - RtpTrpPTTR1 Beh
AlmThm.t	ST	AUTO_TIME
TmpRI.mag.f	MX	[04 10] - NPS Thermal
TmpRI.q	MX	[FE 7B] - RtpTrpPTTR1 Beh
TmpRI.t	MX	AUTO_TIME
TmpRI.db	CF	AUTO_DEADBAND_MX
TmpRI.units.SIUnit	CF	[04 10] - NPS Thermal
TmpRI.units.multiplier	CF	AUTO_VARIABLE_INT
TmpRI.rangeC.hhLim.f	CF	FIXED_FLOAT
TmpRI.rangeC.hLim.f	CF	FIXED_FLOAT
TmpRI.rangeC.lLim.f	CF	FIXED_FLOAT
TmpRI.rangeC.lLim.f	CF	FIXED_FLOAT
TmpRI.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
TmpRI.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[04 11] - Reset NPSThermal
MTRRs.q	ST	[FE 7B] - RtpTrpPTTR1 Beh
MTRRs.t	ST	AUTO_TIME
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[04 11] - Reset NPSThermal

4.70

Logical Node: RtrLfIPEFI1

Description: Rotor Earth Fault Stage 1 Alarm

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[39 08] - 64R R<1 Alarm
NamPlt.lnNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)

Attribute	FC	Source
Beh.stVal	ST	[FE 7D] - RtrLfIPEFI1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 7E] - RtrLfIPEFI1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Op.general	ST	DDB_64R_UR_1_TRIP (394)
Op.q	ST	[FE 7D] - RtrLfIPEFI1 Beh
Op.t	ST	AUTO_TIME
Op.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Str.general	ST	DDB_64R_UR_1_START (1022)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 7D] - RtrLfIPEFI1 Beh
Str.t	ST	AUTO_TIME
Str.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
ResStrVal.setMag.f	SP	[39 0C] - 64R R<1 Alm Set
ResStrVal.units.SIUnit	CF	[39 0C] - 64R R<1 Alm Set
ResStrVal.units.multiplier	CF	AUTO_VARIABLE_INT
ResStrVal.d	DC	[39 0C] - 64R R<1 Alm Set
ResStrVal.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.71

Logical Node: RtrLfIPEFI2**Description:** Rotor Earth Fault Stage 2 Trip

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[39 14] - 64R R<2 Trip
NamPlt.InNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 7F] - RtrLfIPEFI2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)

Attribute	FC	Source
Mod.stVal	ST	[FE 80] - RtrLfIPEFI2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctIModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Op.general	ST	DDB_64R_UR_2_TRIP (780)
Op.q	ST	[FE 7F] - RtrLfIPEFI2 Beh
Op.t	ST	AUTO_TIME
Op.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Str.general	ST	DDB_64R_UR_2_START (1023)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 7F] - RtrLfIPEFI2 Beh
Str.t	ST	AUTO_TIME
Str.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
ResStrVal.setMag.f	SP	[39 18] - 64R R<2 Trip Set
ResStrVal.units.SIUnit	CF	[39 18] - 64R R<2 Trip Set
ResStrVal.units.multiplier	CF	AUTO_VARIABLE_INT
ResStrVal.d	DC	[39 18] - 64R R<2 Trip Set
ResStrVal.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.72

Logical Node: SbkOcpPVOC1**Description:** System backup - voltage overcurrent

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[34 01] - Backup Function
Beh.stVal	ST	[FE 81] - SbkOcpPVOC1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 82] - SbkOcpPVOC1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctIModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_VOLT_DEP_OC_3PH_START (1127)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 81] - SbkOcpPVOC1 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_VOLT_DEP_OC_3PH_TRIP (868)
Op.q	ST	[FE 81] - SbkOcpPVOC1 Beh
Op.t	ST	AUTO_TIME

4.73

Logical Node: SbkUzpPDIS1**Description:** system backup - under impedance stage 1

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	[FE 83] - SbkUzpPDIS1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 84] - SbkUzpPDIS1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_UNDERZ_1_3PH_START (1131)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 83] - SbkUzpPDIS1 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_UNDERZ_1_3PH_TRIP (872)
Op.q	ST	[FE 83] - SbkUzpPDIS1 Beh
Op.t	ST	AUTO_TIME

4.74

Logical Node: SbkUzpPDIS2**Description:** system backup - under impedance stage 2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	[FE 85] - SbkUzpPDIS2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 86] - SbkUzpPDIS2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_UNDERZ_2_3PH_START (1135)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 85] - SbkUzpPDIS2 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_UNDERZ_2_3PH_TRIP (876)

Attribute	FC	Source
Op.q	ST	[FE 85] - SbkUzpPDIS2 Beh
Op.t	ST	AUTO_TIME

4.75**Logical Node: SenPdpPPWR1****Description:** Sensitive power (Single phase) stage 1

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[47 28] - Sen Power1 Func
NamPlt.InNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 87] - SenPdpPPWR1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 88] - SenPdpPPWR1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Op.general	ST	DDB_SPOWER_1_TRIP (884)
Op.q	ST	[FE 87] - SenPdpPPWR1 Beh
Op.t	ST	AUTO_TIME
Op.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Str.general	ST	DDB_SPOWER_1_START (1142)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 87] - SenPdpPPWR1 Beh
Str.t	ST	AUTO_TIME
Str.dataNs	EX	Namespace (IEC 61850-7-4:2007A)

4.76**Logical Node: SenPdpPPWR2****Description:** Sensitive power (Single phase) stage 2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[47 44] - Sen Power2 Func
NamPlt.InNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 89] - SenPdpPPWR2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME

Attribute	FC	Source
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE 8A] - SenPdpPPWR2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Op.general	ST	DDB_SPOWER_2_TRIP (885)
Op.q	ST	[FE 89] - SenPdpPPWR2 Beh
Op.t	ST	AUTO_TIME
Op.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Str.general	ST	DDB_SPOWER_2_START (1143)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 89] - SenPdpPPWR2 Beh
Str.t	ST	AUTO_TIME
Str.dataNs	EX	Namespace (IEC 61850-7-4:2007A)

4.77

Logical Node: SenRefPDIF1**Description:** IREF> 1 Restricted Earth Fault

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[3A 60] - RESTRICTED E/F
Beh.stVal	ST	[FE 8B] - SenRefPDIF1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 8C] - SenRefPDIF1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_REF_TRIP (772)
Op.q	ST	[FE 8B] - SenRefPDIF1 Beh
Op.t	ST	AUTO_TIME

4.78

Logical Node: SenSefPTOC1**Description:** ISEF>1 Protection

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1

Attribute	FC	Source
NamPlt.d	DC	[3A 2A] - ISEF>1 Function
Beh.stVal	ST	[FE 8D] - SenSefPTOC1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 8E] - SenSefPTOC1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_SEF_1_START (1012)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 8D] - SenSefPTOC1 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_SEF_1_TRIP (773)
Op.q	ST	[FE 8D] - SenSefPTOC1 Beh
Op.t	ST	AUTO_TIME

4.79**Logical Node: StaHa3PTOC1****Description:** 3rd Harmonic over/under voltage for 100% stator EF

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	[FE 95] - StaHa3PTOC1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 96] - StaHa3PTOC1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_V3H_START (1016)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 95] - StaHa3PTOC1 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_V3H_TRIP (777)
Op.q	ST	[FE 95] - StaHa3PTOC1 Beh
Op.t	ST	AUTO_TIME

4.80**Logical Node: SvnRVCS1****Description:** VTS/CTS Supervision

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[46 00] - GROUP 1 SUPERVISION
NamPlt.InNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE 9F] - SvnRVCS1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE A0] - SvnRVCS1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
CTS2Blk.stVal	ST	DDB_CTS_2_BLOCK (1264)
CTS2Blk.q	ST	[FE 9F] - SvnRVCS1 Beh
CTS2Blk.t	ST	AUTO_TIME
CTS2Blk.d	DC	DDB_CTS_2_BLOCK (1264)
CTS2Blk.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
CTSBk.stVal	ST	DDB_CTS_BLOCK (1263)
CTSBk.q	ST	[FE 9F] - SvnRVCS1 Beh
CTSBk.t	ST	AUTO_TIME
CTSBk.d	DC	DDB_CTS_BLOCK (1263)
CTSBk.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FstVTSBk.stVal	ST	DDB_VTS_FAST_BLOCK (1248)
FstVTSBk.q	ST	[FE 9F] - SvnRVCS1 Beh
FstVTSBk.t	ST	AUTO_TIME
FstVTSBk.d	DC	DDB_VTS_FAST_BLOCK (1248)
FstVTSBk.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
SlwVTSBk.stVal	ST	DDB_VTS_SLOW_BLOCK (1249)
SlwVTSBk.q	ST	[FE 9F] - SvnRVCS1 Beh
SlwVTSBk.t	ST	AUTO_TIME
SlwVTSBk.d	DC	DDB_VTS_SLOW_BLOCK (1249)
SlwVTSBk.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

4.81

Logical Node: TafPTAF1**Description:** Turbine Abnormal Frequency - Channel 1

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1

Attribute	FC	Source
NamPlt.d	DC	[43 20] - TURBINE F PROT
NamPlt.InNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE A1] - TafPTAF1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE A2] - TafPTAF1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Op.general	ST	DDB_TAF1_TRIP1 (922)
Op.q	ST	[FE A1] - TafPTAF1 Beh
Op.t	ST	AUTO_TIME
Op.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Str.general	ST	DDB_TAF1_START1 (1178)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE A1] - TafPTAF1 Beh
Str.t	ST	AUTO_TIME
Str.dataNs	EX	Namespace (IEC 61850-7-4:2007A)

4.82

Logical Node: TafPTAF2

Description: Turbine Abnormal Frequency - Channel 2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[43 20] - TURBINE F PROT
NamPlt.InNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE A3] - TafPTAF2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE A4] - TafPTAF2 Mod
Mod.q	ST	FIXED_NUMERIC

Attribute	FC	Source
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Op.general	ST	DDB_TAF1_TRIP2 (923)
Op.q	ST	[FE A3] - TafPTAF2 Beh
Op.t	ST	AUTO_TIME
Op.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Str.general	ST	DDB_TAF1_START2 (1179)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE A3] - TafPTAF2 Beh
Str.t	ST	AUTO_TIME
Str.dataNs	EX	Namespace (IEC 61850-7-4:2007A)

4.83

Logical Node: TafPTAF3**Description:** Turbine Abnormal Frequency - Channel 3

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[43 20] - TURBINE F PROT
NamPlt.InNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE A5] - TafPTAF3 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE A6] - TafPTAF3 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Op.general	ST	DDB_TAF1_TRIP3 (924)
Op.q	ST	[FE A5] - TafPTAF3 Beh
Op.t	ST	AUTO_TIME
Op.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Str.general	ST	DDB_TAF1_START3 (1180)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE A5] - TafPTAF3 Beh
Str.t	ST	AUTO_TIME
Str.dataNs	EX	Namespace (IEC 61850-7-4:2007A)

4.84

Logical Node: TafPTAF4**Description:** Turbine Abnormal Frequency - Channel 4

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[43 20] - TURBINE F PROT
NamPlt.lnNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE A7] - TafPTAF4 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE A8] - TafPTAF4 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Op.general	ST	DDB_TAF1_TRIP4 (925)
Op.q	ST	[FE A7] - TafPTAF4 Beh
Op.t	ST	AUTO_TIME
Op.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Str.general	ST	DDB_TAF1_START4 (1181)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE A7] - TafPTAF4 Beh
Str.t	ST	AUTO_TIME
Str.dataNs	EX	Namespace (IEC 61850-7-4:2007A)

4.85

Logical Node: TafPTAF5**Description:** Turbine Abnormal Frequency - Channel 5

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[43 20] - TURBINE F PROT
NamPlt.lnNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE A9] - TafPTAF5 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC

Attribute	FC	Source
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE AA] - TafPTAF5 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Op.general	ST	DDB_TAF1_TRIP5 (926)
Op.q	ST	[FE A9] - TafPTAF5 Beh
Op.t	ST	AUTO_TIME
Op.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Str.general	ST	DDB_TAF1_START5 (1182)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE A9] - TafPTAF5 Beh
Str.t	ST	AUTO_TIME
Str.dataNs	EX	Namespace (IEC 61850-7-4:2007A)

4.86

Logical Node: TafPTAF6**Description:** Turbine Abnormal Frequency - Channel 6

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[43 20] - TURBINE F PROT
NamPlt.lnNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
NamPlt.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	[FE AB] - TafPTAF6 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Beh.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Health.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Mod.stVal	ST	[FE AC] - TafPTAF6 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Mod.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Op.general	ST	DDB_TAF1_TRIP6 (927)
Op.q	ST	[FE AB] - TafPTAF6 Beh
Op.t	ST	AUTO_TIME
Op.dataNs	EX	Namespace (IEC 61850-7-4:2007A)
Str.general	ST	DDB_TAF1_START6 (1183)
Str.dirGeneral	ST	FIXED_NUMERIC

Attribute	FC	Source
Str.q	ST	[FE AB] - TafPTAF6 Beh
Str.t	ST	AUTO_TIME
Str.dataNs	EX	Namespace (IEC 61850-7-4:2007A)

4.87

Logical Node: ThmPTTR1**Description:** Thermal Overload

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[36 00] - GROUP 1 THERMAL OVERLOAD
Beh.stVal	ST	[FE AD] - ThmPTTR1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE AE] - ThmPTTR1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_GEN_THERMAL_TRIP (945)
Op.q	ST	[FE AD] - ThmPTTR1 Beh
Op.t	ST	AUTO_TIME
AlmThm.stVal	ST	DDB_GEN_THERMAL_ALARM (371)
AlmThm.q	ST	[FE AD] - ThmPTTR1 Beh
AlmThm.t	ST	AUTO_TIME
TmpRI.mag.f	MX	[04 23] - Thermal Overload
TmpRI.q	MX	[FE AD] - ThmPTTR1 Beh
TmpRI.t	MX	AUTO_TIME
TmpRI.db	CF	AUTO_DEADBAND_MX
TmpRI.units.SIUnit	CF	[04 23] - Thermal Overload
TmpRI.units.multiplier	CF	AUTO_VARIABLE_INT
TmpRI.rangeC.hhLim.f	CF	FIXED_FLOAT
TmpRI.rangeC.hLim.f	CF	FIXED_FLOAT
TmpRI.rangeC.lLim.f	CF	FIXED_FLOAT
TmpRI.rangeC.lLim.f	CF	FIXED_FLOAT
TmpRI.rangeC.min.f	CF	AUTO_VARIABLE_FLOAT
TmpRI.rangeC.max.f	CF	AUTO_VARIABLE_FLOAT
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[04 24] - Reset ThermalO/L
MTRRs.q	ST	[FE AD] - ThmPTTR1 Beh
MTRRs.t	ST	AUTO_TIME
MTRRs.stSeld	ST	AUTO_VARIABLE_INT

Attribute	FC	Source
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[04 24] - Reset ThermalO/L

4.88

Logical Node: TopPTTR1**Description:** Top Oil Thermal Overload stage 1

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	DDB_XFORMER_TOP_OIL_1_TRIP (949)
Beh.stVal	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 64] - Mod TopPTTRx, HotPTTRx
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	FIXED_NUMERIC
Str.general	ST	DDB_XFORMER_TOP_OIL_1_START (1203)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_XFORMER_TOP_OIL_1_TRIP (949)
Op.q	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
Op.t	ST	AUTO_TIME
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[04 24] - Reset ThermalO/L
MTRRs.q	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
MTRRs.t	ST	AUTO_TIME
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[04 24] - Reset ThermalO/L

4.89

Logical Node: TopPTTR2**Description:** Top Oil Thermal Overload stage 2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	DDB_XFORMER_TOP_OIL_2_TRIP (950)

Attribute	FC	Source
Beh.stVal	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 64] - Mod TopPTTRx, HotPTTRx
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	FIXED_NUMERIC
Str.general	ST	DDB_XFORMER_TOP_OIL_2_START (1204)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_XFORMER_TOP_OIL_2_TRIP (950)
Op.q	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
Op.t	ST	AUTO_TIME
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[04 24] - Reset ThermalO/L
MTRRs.q	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
MTRRs.t	ST	AUTO_TIME
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[04 24] - Reset ThermalO/L

4.90

Logical Node: TopPTTR3

Description: Top Oil Thermal Overload stage 3

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	DDB_XFORMER_TOP_OIL_3_TRIP (951)
Beh.stVal	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE 64] - Mod TopPTTRx, HotPTTRx
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	FIXED_NUMERIC

Attribute	FC	Source
Str.general	ST	DDB_XFORMER_TOP_OIL_3_START (1205)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_XFORMER_TOP_OIL_3_TRIP (951)
Op.q	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
Op.t	ST	AUTO_TIME
MTRRs.origin.orCat	ST	AUTO_VARIABLE_INT
MTRRs.origin.orIdent	ST	AUTO_VARIABLE_STR
MTRRs.stVal	ST	[04 24] - Reset ThermalO/L
MTRRs.q	ST	[FE 63] - Beh TopPTTRx, HotPTTRx
MTRRs.t	ST	AUTO_TIME
MTRRs.ctlModel	CF	AUTO_CONTROL_MODEL
MTRRs.stSeld	ST	AUTO_VARIABLE_INT
MTRRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
MTRRs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
MTRRs.ctlVal	CO	[04 24] - Reset ThermalO/L

4.91

Logical Node: VhzPVPH1**Description:** Over fluxing

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[3D 10] - V/Hz>1 Status
Beh.stVal	ST	[FE AF] - VhzPVPH1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE B0] - VhzPVPH1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_VPERHZ_START (1168)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE AF] - VhzPVPH1 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_VPERHZ_TRIP (912)
Op.q	ST	[FE AF] - VhzPVPH1 Beh
Op.t	ST	AUTO_TIME

4.92

Logical Node: VhzPVPH2**Description:** Over fluxing

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[3D 20] - V/Hz>2 Status
Beh.stVal	ST	[FE B1] - VhzPVP2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE B2] - VhzPVP2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_VPERHZ_START2 (1169)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE B1] - VhzPVP2 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_VPERHZ_TRIP2 (913)
Op.q	ST	[FE B1] - VhzPVP2 Beh
Op.t	ST	AUTO_TIME

4.93

Logical Node: VhzPVP3

Description: Over fluxing

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[3D 30] - V/Hz>3 Status
Beh.stVal	ST	[FE B3] - VhzPVP3 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE B4] - VhzPVP3 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_VPERHZ_START3 (1170)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE B3] - VhzPVP3 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_VPERHZ_TRIP3 (914)
Op.q	ST	[FE B3] - VhzPVP3 Beh
Op.t	ST	AUTO_TIME

4.94

Logical Node: VhzPVPH4**Description:** Over fluxing

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[3D 40] - V/Hz>4 Status
Beh.stVal	ST	[FE B5] - VhzPVPH4 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE B6] - VhzPVPH4 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_VPERHZ_START4 (1171)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE B5] - VhzPVPH4 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_VPERHZ_TRIP4 (915)
Op.q	ST	[FE B5] - VhzPVPH4 Beh
Op.t	ST	AUTO_TIME

4.95

Logical Node: VtpPhsPTOV1**Description:** Phase Overvoltage - stage 1

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[42 10] - V>1 Function
Beh.stVal	ST	[FE B7] - VtpPhsPTOV1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE B8] - VtpPhsPTOV1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_POV_1_3PH_START (1094)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE B7] - VtpPhsPTOV1 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_POV_1_3PH_TRIP (838)

Attribute	FC	Source
Op.q	ST	[FE B7] - VtpPhsPTOV1 Beh
Op.t	ST	AUTO_TIME

4.96**Logical Node: VtpPhsPTOV2****Description:** Phase Overvoltage - stage 2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[42 14] - V>2 Status
Beh.stVal	ST	[FE B9] - VtpPhsPTOV2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE BA] - VtpPhsPTOV2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_POV_2_3PH_START (1098)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE B9] - VtpPhsPTOV2 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_POV_2_3PH_TRIP (842)
Op.q	ST	[FE B9] - VtpPhsPTOV2 Beh
Op.t	ST	AUTO_TIME

4.97**Logical Node: VtpPhsPTUV1****Description:** Phase Undervoltage - Stage 1

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[42 04] - V<1 Function
Beh.stVal	ST	[FE BB] - VtpPhsPTUV1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE BC] - VtpPhsPTUV1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_PUV_1_3PH_START (1103)
Str.dirGeneral	ST	FIXED_NUMERIC

Attribute	FC	Source
Str.q	ST	[FE BB] - VtpPhsPTUV1 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_PUV_1_3PH_TRIP (847)
Op.q	ST	[FE BB] - VtpPhsPTUV1 Beh
Op.t	ST	AUTO_TIME

4.98

Logical Node: VtpPhsPTUV2**Description:** Phase Undervoltage - Stage 2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[42 09] - V<2 Status
Beh.stVal	ST	[FE BD] - VtpPhsPTUV2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE BE] - VtpPhsPTUV2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_PUV_2_3PH_START (1107)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE BD] - VtpPhsPTUV2 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_PUV_2_3PH_TRIP (851)
Op.q	ST	[FE BD] - VtpPhsPTUV2 Beh
Op.t	ST	AUTO_TIME

4.99

Logical Node: VtpResPTOV1**Description:** Residual Over Voltage - stage 1

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[3B 10] - VN>1 Status
Beh.stVal	ST	[FE BF] - VtpResPTOV1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE C0] - VtpResPTOV1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME

Attribute	FC	Source
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_RESOV_1_START (1088)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE BF] - VtpResPTOV1 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_RESOV_1_TRIP (832)
Op.q	ST	[FE BF] - VtpResPTOV1 Beh
Op.t	ST	AUTO_TIME

4.100**Logical Node: VtpResPTOV2****Description:** Residual Over Voltage - stage 2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[3B 20] - VN>2 Status
Beh.stVal	ST	[FE C1] - VtpResPTOV2 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE C2] - VtpResPTOV2 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_RESOV_2_START (1089)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE C1] - VtpResPTOV2 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_RESOV_2_TRIP (833)
Op.q	ST	[FE C1] - VtpResPTOV2 Beh
Op.t	ST	AUTO_TIME

4.101**Logical Node: VtpResPTOV3****Description:** Residual Over Voltage - stage 3

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[3B 30] - VN>3 Status
Beh.stVal	ST	[FE C3] - VtpResPTOV3 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME

Attribute	FC	Source
Mod.stVal	ST	[FE C4] - VtpResPTOV3 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_RESOV_3_START (1090)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE C3] - VtpResPTOV3 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_RESOV_3_TRIP (834)
Op.q	ST	[FE C3] - VtpResPTOV3 Beh
Op.t	ST	AUTO_TIME

4.102

Logical Node: VtpResPTOV4**Description:** Residual Over Voltage - stage 4

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[3B 40] - VN>4 Status
Beh.stVal	ST	[FE C5] - VtpResPTOV4 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE C6] - VtpResPTOV4 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Str.general	ST	DDB_RESOV_4_START (1091)
Str.dirGeneral	ST	FIXED_NUMERIC
Str.q	ST	[FE C5] - VtpResPTOV4 Beh
Str.t	ST	AUTO_TIME
Op.general	ST	DDB_RESOV_4_TRIP (835)
Op.q	ST	[FE C5] - VtpResPTOV4 Beh
Op.t	ST	AUTO_TIME

4.103

Logical Node: XfrDifPDIF1**Description:** Xformer Differential

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	[FE CB] - XfrDifPDIF1 Beh
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME

Attribute	FC	Source
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[FE CC] - XfrDifPDIF1 Mod
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Op.general	ST	DDB_XFORMER_DIFF_3PH_TRIP (740)
Op.q	ST	[FE CB] - XfrDifPDIF1 Beh
Op.t	ST	AUTO_TIME

5 Logical Device: Records

This section details Courier Cell and Digital Data Bus assignments to IEC61850 Data Attributes within Logical Nodes contained in the Records Logical Device.

5.1

Logical Node: LLN0

Description: Records Logical Device

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.configRev	DC	FIXED_STRING
NamPlt.IdNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	Function (Get_PD_Health())
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	Function (Get_PD_Mode())
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL

5.2

Logical Node: LPHD1

Description: Physical Device Information

Attribute	FC	Source
PhyNam.vendor	DC	FIXED_STRING
PhyNam.hwRev	DC	Function (Get_PD_Hardware_Revision())
PhyNam.swRev	DC	[00 11] - Software Ref. 1
PhyNam.serNum	DC	[00 08] - Serial Number
PhyNam.model	DC	[00 06] - Model Number
PhyNam.location	DC	[00 05] - Plant Reference
PhyHealth.stVal	ST	Function (Get_PD_Health())
PhyHealth.q	ST	Function (Get_Common_Quality())
PhyHealth.t	ST	AUTO_TIME
Proxy.stVal	ST	FIXED_NUMERIC
Proxy.q	ST	Function (Get_Common_Quality())
Proxy.t	ST	AUTO_TIME
Proxy.d	DC	FIXED_STRING
PwrUp.stVal	ST	FIXED_NUMERIC
PwrUp.q	ST	Function (Get_Common_Quality())
PwrUp.t	ST	AUTO_TIME
PwrUp.d	DC	FIXED_STRING

5.3

Logical Node: RDRE1**Description:** Disturbance Recorder

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
RcdMade.stVal	ST	Function (mst_dr_available())
RcdMade.q	ST	Function (Get_Common_Quality())
RcdMade.t	ST	AUTO_TIME
FltNum.stVal	ST	Function (mst_dr_FltNum())
FltNum.q	ST	Function (Get_Common_Quality())
FltNum.t	ST	AUTO_TIME
GriFltNum.stVal	ST	Function (mst_dr_GridFltNum())
GriFltNum.q	ST	Function (Get_Common_Quality())
GriFltNum.t	ST	AUTO_TIME

5.4

Logical Node: RFLO1**Description:** Fault Record

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
FltZ.cVal.mag.f	MX	FIXED_NUMERIC
FltZ.q	MX	FIXED_NUMERIC
FltZ.t	MX	AUTO_TIME

Attribute	FC	Source
FltZ.units.SIUnit	CF	FIXED_NUMERIC
FltZ.units.multiplier	CF	AUTO_VARIABLE_INT
FltNum.stVal	ST	[FF 20] - Fault record number
FltNum.q	ST	Function (Get_Common_Quality())
FltNum.t	ST	AUTO_TIME
FltNum.d	DC	FIXED_STRING
FltNum.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltPhs.stVal	ST	[FF 21] - Faulted Phases
FltPhs.q	ST	Function (Get_Common_Quality())
FltPhs.t	ST	AUTO_TIME
FltPhs.d	DC	FIXED_STRING
FltPhs.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltSt1U.stVal	ST	[FF 22] - Start Elements 1 Upper
FltSt1U.q	ST	Function (Get_Common_Quality())
FltSt1U.t	ST	AUTO_TIME
FltSt1U.d	DC	FIXED_STRING
FltSt1U.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltSt1L.stVal	ST	[FF 23] - Start Elements 1 Lower
FltSt1L.q	ST	Function (Get_Common_Quality())
FltSt1L.t	ST	AUTO_TIME
FltSt1L.d	DC	FIXED_STRING
FltSt1L.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltSt2U.stVal	ST	[FF 24] - Start Elements 2 Upper
FltSt2U.q	ST	Function (Get_Common_Quality())
FltSt2U.t	ST	AUTO_TIME
FltSt2U.d	DC	FIXED_STRING
FltSt2U.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltSt2L.stVal	ST	[FF 25] - Start Elements 2 Lower
FltSt2L.q	ST	Function (Get_Common_Quality())
FltSt2L.t	ST	AUTO_TIME
FltSt2L.d	DC	FIXED_STRING
FltSt2L.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltSt3U.stVal	ST	[FF 26] - Start Elements 3 Upper
FltSt3U.q	ST	Function (Get_Common_Quality())
FltSt3U.t	ST	AUTO_TIME
FltSt3U.d	DC	FIXED_STRING
FltSt3U.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltSt3L.stVal	ST	[FF 27] - Start Elements 3 Lower
FltSt3L.q	ST	Function (Get_Common_Quality())
FltSt3L.t	ST	AUTO_TIME
FltSt3L.d	DC	FIXED_STRING
FltSt3L.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltSt4U.stVal	ST	[FF 28] - Start Elements 4 Upper
FltSt4U.q	ST	Function (Get_Common_Quality())

Attribute	FC	Source
FltSt4U.t	ST	AUTO_TIME
FltSt4U.d	DC	FIXED_STRING
FltSt4U.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltSt4L.stVal	ST	[FF 29] - Start Elements 4 Lower
FltSt4L.q	ST	Function (Get_Common_Quality())
FltSt4L.t	ST	AUTO_TIME
FltSt4L.d	DC	FIXED_STRING
FltSt4L.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltOp1U.stVal	ST	[FF 2A] - Trip Elements 1 Upper
FltOp1U.q	ST	Function (Get_Common_Quality())
FltOp1U.t	ST	AUTO_TIME
FltOp1U.d	DC	FIXED_STRING
FltOp1U.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltOp1L.stVal	ST	[FF 2B] - Trip Elements 1 Lower
FltOp1L.q	ST	Function (Get_Common_Quality())
FltOp1L.t	ST	AUTO_TIME
FltOp1L.d	DC	FIXED_STRING
FltOp1L.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltOp2U.stVal	ST	[FF 2C] - Trip Elements 2 Upper
FltOp2U.q	ST	Function (Get_Common_Quality())
FltOp2U.t	ST	AUTO_TIME
FltOp2U.d	DC	FIXED_STRING
FltOp2U.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltOp2L.stVal	ST	[FF 2D] - Trip Elements 2 Lower
FltOp2L.q	ST	Function (Get_Common_Quality())
FltOp2L.t	ST	AUTO_TIME
FltOp2L.d	DC	FIXED_STRING
FltOp2L.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltOp3U.stVal	ST	[FF 2E] - Trip Elements 3 Upper
FltOp3U.q	ST	Function (Get_Common_Quality())
FltOp3U.t	ST	AUTO_TIME
FltOp3U.d	DC	FIXED_STRING
FltOp3U.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltOp3L.stVal	ST	[FF 2F] - Trip Elements 3 Lower
FltOp3L.q	ST	Function (Get_Common_Quality())
FltOp3L.t	ST	AUTO_TIME
FltOp3L.d	DC	FIXED_STRING
FltOp3L.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltOp4U.stVal	ST	[FF 30] - Trip Elements 4 Upper
FltOp4U.q	ST	Function (Get_Common_Quality())
FltOp4U.t	ST	AUTO_TIME
FltOp4U.d	DC	FIXED_STRING
FltOp4U.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltOp4L.stVal	ST	[FF 31] - Trip Elements 4 Lower

Attribute	FC	Source
FltOp4L.q	ST	Function (Get_Common_Quality())
FltOp4L.t	ST	AUTO_TIME
FltOp4L.d	DC	FIXED_STRING
FltOp4L.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltAlm1U.stVal	ST	[FF 32] - Fault Alarms 1 Upper
FltAlm1U.q	ST	Function (Get_Common_Quality())
FltAlm1U.t	ST	AUTO_TIME
FltAlm1U.d	DC	FIXED_STRING
FltAlm1U.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltAlm1L.stVal	ST	[FF 33] - Fault Alarms 1 Lower
FltAlm1L.q	ST	Function (Get_Common_Quality())
FltAlm1L.t	ST	AUTO_TIME
FltAlm1L.d	DC	FIXED_STRING
FltAlm1L.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltAlm2U.stVal	ST	[FF 34] - Fault Alarms 2 Upper
FltAlm2U.q	ST	Function (Get_Common_Quality())
FltAlm2U.t	ST	AUTO_TIME
FltAlm2U.d	DC	FIXED_STRING
FltAlm2U.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltAlm2L.stVal	ST	[FF 35] - Fault Alarms 2 Lower
FltAlm2L.q	ST	Function (Get_Common_Quality())
FltAlm2L.t	ST	AUTO_TIME
FltAlm2L.d	DC	FIXED_STRING
FltAlm2L.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltTU.stVal	ST	[FF 36] - Fault Time Upper
FltTU.q	ST	Function (Get_Common_Quality())
FltTU.t	ST	AUTO_TIME
FltTU.d	DC	FIXED_STRING
FltTU.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltTL.stVal	ST	[FF 37] - Fault Time Lower
FltTL.q	ST	Function (Get_Common_Quality())
FltTL.t	ST	AUTO_TIME
FltTL.d	DC	FIXED_STRING
FltTL.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltTms.stVal	ST	[FF 38] - Fault Time
FltTms.q	ST	Function (Get_Common_Quality())
FltTms.t	ST	AUTO_TIME
FltTms.d	DC	FIXED_STRING
FltTms.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
ActiveSG.stVal	ST	[FF 39] - Active Group
ActiveSG.q	ST	Function (Get_Common_Quality())
ActiveSG.t	ST	AUTO_TIME
ActiveSG.d	DC	FIXED_STRING
ActiveSG.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

Attribute	FC	Source
FltFreq.mag.f	MX	[FF 3A] - Frequency
FltFreq.q	MX	Function (Get_Common_Quality())
FltFreq.t	MX	AUTO_TIME
FltFreq.units.SIUnit	CF	FIXED_NUMERIC
FltFreq.units.multiplier	CF	AUTO_VARIABLE_INT
FltFreq.d	DC	FIXED_STRING
FltFreq.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltDur.mag.f	MX	[FF 3B] - Fault Duration
FltDur.q	MX	Function (Get_Common_Quality())
FltDur.t	MX	AUTO_TIME
FltDur.units.SIUnit	CF	FIXED_NUMERIC
FltDur.units.multiplier	CF	AUTO_VARIABLE_INT
FltDur.d	DC	FIXED_STRING
FltDur.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
CBOpTm.mag.f	MX	[FF 3C] - CB Operate Time
CBOpTm.q	MX	Function (Get_Common_Quality())
CBOpTm.t	MX	AUTO_TIME
CBOpTm.units.SIUnit	CF	FIXED_NUMERIC
CBOpTm.units.multiplier	CF	AUTO_VARIABLE_INT
CBOpTm.d	DC	FIXED_STRING
CBOpTm.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
RlyOpTm.mag.f	MX	[FF 3D] - Relay Trip Time
RlyOpTm.q	MX	Function (Get_Common_Quality())
RlyOpTm.t	MX	AUTO_TIME
RlyOpTm.units.SIUnit	CF	FIXED_NUMERIC
RlyOpTm.units.multiplier	CF	AUTO_VARIABLE_INT
RlyOpTm.d	DC	FIXED_STRING
RlyOpTm.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltA1.phsA.cVal.mag.f	MX	[FF 3E] - IA-1
FltA1.phsA.q	MX	Function (Get_Common_Quality())
FltA1.phsA.t	MX	AUTO_TIME
FltA1.phsA.units.SIUnit	CF	FIXED_NUMERIC
FltA1.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
FltA1.phsB.cVal.mag.f	MX	[FF 3F] - IB-1
FltA1.phsB.q	MX	Function (Get_Common_Quality())
FltA1.phsB.t	MX	AUTO_TIME
FltA1.phsB.units.SIUnit	CF	FIXED_NUMERIC
FltA1.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
FltA1.phsC.cVal.mag.f	MX	[FF 40] - IC-1
FltA1.phsC.q	MX	Function (Get_Common_Quality())
FltA1.phsC.t	MX	AUTO_TIME
FltA1.phsC.units.SIUnit	CF	FIXED_NUMERIC
FltA1.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
FltA1.d	DC	FIXED_STRING

Attribute	FC	Source
FltA1.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltPPV.phsAB.cVal.mag.f	MX	[FF 41] - VAB
FltPPV.phsAB.q	MX	Function (Get_Common_Quality())
FltPPV.phsAB.t	MX	AUTO_TIME
FltPPV.phsAB.units.SIUnit	CF	FIXED_NUMERIC
FltPPV.phsAB.units.multiplier	CF	AUTO_VARIABLE_INT
FltPPV.phsBC.cVal.mag.f	MX	[FF 42] - VBC
FltPPV.phsBC.q	MX	Function (Get_Common_Quality())
FltPPV.phsBC.t	MX	AUTO_TIME
FltPPV.phsBC.units.SIUnit	CF	FIXED_NUMERIC
FltPPV.phsBC.units.multiplier	CF	AUTO_VARIABLE_INT
FltPPV.phsCA.cVal.mag.f	MX	[FF 43] - VCA
FltPPV.phsCA.q	MX	Function (Get_Common_Quality())
FltPPV.phsCA.t	MX	AUTO_TIME
FltPPV.phsCA.units.SIUnit	CF	FIXED_NUMERIC
FltPPV.phsCA.units.multiplier	CF	AUTO_VARIABLE_INT
FltPPV.d	DC	FIXED_STRING
FltPPV.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltPhV.phsA.cVal.mag.f	MX	[FF 44] - VAN
FltPhV.phsA.q	MX	Function (Get_Common_Quality())
FltPhV.phsA.t	MX	AUTO_TIME
FltPhV.phsA.units.SIUnit	CF	FIXED_NUMERIC
FltPhV.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
FltPhV.phsB.cVal.mag.f	MX	[FF 45] - VBN
FltPhV.phsB.q	MX	Function (Get_Common_Quality())
FltPhV.phsB.t	MX	AUTO_TIME
FltPhV.phsB.units.SIUnit	CF	FIXED_NUMERIC
FltPhV.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
FltPhV.phsC.cVal.mag.f	MX	[FF 46] - VCN
FltPhV.phsC.q	MX	Function (Get_Common_Quality())
FltPhV.phsC.t	MX	AUTO_TIME
FltPhV.phsC.units.SIUnit	CF	FIXED_NUMERIC
FltPhV.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
FltPhV.d	DC	FIXED_STRING
FltPhV.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltA2.phsA.cVal.mag.f	MX	[FF 47] - IA-2
FltA2.phsA.q	MX	Function (Get_Common_Quality())
FltA2.phsA.t	MX	AUTO_TIME
FltA2.phsA.units.SIUnit	CF	FIXED_NUMERIC
FltA2.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
FltA2.phsB.cVal.mag.f	MX	[FF 48] - IB-2
FltA2.phsB.q	MX	Function (Get_Common_Quality())
FltA2.phsB.t	MX	AUTO_TIME
FltA2.phsB.units.SIUnit	CF	FIXED_NUMERIC

Attribute	FC	Source
FltA2.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
FltA2.phsC.cVal.mag.f	MX	[FF 49] - IC-2
FltA2.phsC.q	MX	Function (Get_Common_Quality())
FltA2.phsC.t	MX	AUTO_TIME
FltA2.phsC.units.SIUnit	CF	FIXED_NUMERIC
FltA2.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
FltA2.d	DC	FIXED_STRING
FltA2.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
IDiff.phsA.cVal.mag.f	MX	[FF 4A] - IA Differential
IDiff.phsA.q	MX	Function (Get_Common_Quality())
IDiff.phsA.t	MX	AUTO_TIME
IDiff.phsA.units.SIUnit	CF	FIXED_NUMERIC
IDiff.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
IDiff.phsB.cVal.mag.f	MX	[FF 4B] - IB Differential
IDiff.phsB.q	MX	Function (Get_Common_Quality())
IDiff.phsB.t	MX	AUTO_TIME
IDiff.phsB.units.SIUnit	CF	FIXED_NUMERIC
IDiff.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
IDiff.phsC.cVal.mag.f	MX	[FF 4C] - IC Differential
IDiff.phsC.q	MX	Function (Get_Common_Quality())
IDiff.phsC.t	MX	AUTO_TIME
IDiff.phsC.units.SIUnit	CF	FIXED_NUMERIC
IDiff.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
IDiff.d	DC	FIXED_STRING
IDiff.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
IDiffPU.phsA.cVal.mag.f	MX	[FF 4D] - IA Diff PU
IDiffPU.phsA.q	MX	Function (Get_Common_Quality())
IDiffPU.phsA.t	MX	AUTO_TIME
IDiffPU.phsA.units.SIUnit	CF	FIXED_NUMERIC
IDiffPU.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
IDiffPU.phsB.cVal.mag.f	MX	[FF 4E] - IB Diff PU
IDiffPU.phsB.q	MX	Function (Get_Common_Quality())
IDiffPU.phsB.t	MX	AUTO_TIME
IDiffPU.phsB.units.SIUnit	CF	FIXED_NUMERIC
IDiffPU.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
IDiffPU.phsC.cVal.mag.f	MX	[FF 4F] - IC Diff PU
IDiffPU.phsC.q	MX	Function (Get_Common_Quality())
IDiffPU.phsC.t	MX	AUTO_TIME
IDiffPU.phsC.units.SIUnit	CF	FIXED_NUMERIC
IDiffPU.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
IDiffPU.d	DC	FIXED_STRING
IDiffPU.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
IDiff2H.phsA.cVal.mag.f	MX	[FF 50] - IA Diff 2H
IDiff2H.phsA.q	MX	Function (Get_Common_Quality())

Attribute	FC	Source
IDiff2H.phsA.t	MX	AUTO_TIME
IDiff2H.phsA.units.SIUnit	CF	FIXED_NUMERIC
IDiff2H.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
IDiff2H.phsB.cVal.mag.f	MX	[FF 51] - IB Diff 2H
IDiff2H.phsB.q	MX	Function (Get_Common_Quality())
IDiff2H.phsB.t	MX	AUTO_TIME
IDiff2H.phsB.units.SIUnit	CF	FIXED_NUMERIC
IDiff2H.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
IDiff2H.phsC.cVal.mag.f	MX	[FF 52] - IC Diff 2H
IDiff2H.phsC.q	MX	Function (Get_Common_Quality())
IDiff2H.phsC.t	MX	AUTO_TIME
IDiff2H.phsC.units.SIUnit	CF	FIXED_NUMERIC
IDiff2H.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
IDiff2H.d	DC	FIXED_STRING
IDiff2H.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
IDiff5H.phsA.cVal.mag.f	MX	[FF 53] - IA Diff 5H
IDiff5H.phsA.q	MX	Function (Get_Common_Quality())
IDiff5H.phsA.t	MX	AUTO_TIME
IDiff5H.phsA.units.SIUnit	CF	FIXED_NUMERIC
IDiff5H.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
IDiff5H.phsB.cVal.mag.f	MX	[FF 54] - IC Diff 5H
IDiff5H.phsB.q	MX	Function (Get_Common_Quality())
IDiff5H.phsB.t	MX	AUTO_TIME
IDiff5H.phsB.units.SIUnit	CF	FIXED_NUMERIC
IDiff5H.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
IDiff5H.phsC.cVal.mag.f	MX	[FF 55] - IB Diff 5H
IDiff5H.phsC.q	MX	Function (Get_Common_Quality())
IDiff5H.phsC.t	MX	AUTO_TIME
IDiff5H.phsC.units.SIUnit	CF	FIXED_NUMERIC
IDiff5H.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
IDiff5H.d	DC	FIXED_STRING
IDiff5H.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltVNMeas.mag.f	MX	[FF 56] - VN Measured
FltVNMeas.q	MX	Function (Get_Common_Quality())
FltVNMeas.t	MX	AUTO_TIME
FltVNMeas.units.SIUnit	CF	FIXED_NUMERIC
FltVNMeas.units.multiplier	CF	AUTO_VARIABLE_INT
FltVNMeas.d	DC	FIXED_STRING
FltVNMeas.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltVNDer.mag.f	MX	[FF 58] - VN Derived
FltVNDer.q	MX	Function (Get_Common_Quality())
FltVNDer.t	MX	AUTO_TIME
FltVNDer.units.SIUnit	CF	FIXED_NUMERIC
FltVNDer.units.multiplier	CF	AUTO_VARIABLE_INT

Attribute	FC	Source
FltVNDer.d	DC	FIXED_STRING
FltVNDer.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltINDer.mag.f	MX	[FF 59] - IN Measured
FltINDer.q	MX	Function (Get_Common_Quality())
FltINDer.t	MX	AUTO_TIME
FltINDer.units.SIUnit	CF	FIXED_NUMERIC
FltINDer.units.multiplier	CF	AUTO_VARIABLE_INT
FltINDer.d	DC	FIXED_STRING
FltINDer.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltISen.mag.f	MX	[FF 5A] - I Sensitive
FltISen.q	MX	Function (Get_Common_Quality())
FltISen.t	MX	AUTO_TIME
FltISen.units.SIUnit	CF	FIXED_NUMERIC
FltISen.units.multiplier	CF	AUTO_VARIABLE_INT
FltISen.d	DC	FIXED_STRING
FltISen.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
IREFDiff.mag.f	MX	[FF 5B] - IREF Diff
IREFDiff.q	MX	Function (Get_Common_Quality())
IREFDiff.t	MX	AUTO_TIME
IREFDiff.units.SIUnit	CF	FIXED_NUMERIC
IREFDiff.units.multiplier	CF	AUTO_VARIABLE_INT
IREFDiff.d	DC	FIXED_STRING
IREFDiff.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
IREFBias.mag.f	MX	[FF 5C] - IREF Bias
IREFBias.q	MX	Function (Get_Common_Quality())
IREFBias.t	MX	AUTO_TIME
IREFBias.units.SIUnit	CF	FIXED_NUMERIC
IREFBias.units.multiplier	CF	AUTO_VARIABLE_INT
IREFBias.d	DC	FIXED_STRING
IREFBias.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltI2.mag.f	MX	[FF 5D] - I2
FltI2.q	MX	Function (Get_Common_Quality())
FltI2.t	MX	AUTO_TIME
FltI2.units.SIUnit	CF	FIXED_NUMERIC
FltI2.units.multiplier	CF	AUTO_VARIABLE_INT
FltI2.d	DC	FIXED_STRING
FltI2.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltV2.mag.f	MX	[FF 5E] - V2
FltV2.q	MX	Function (Get_Common_Quality())
FltV2.t	MX	AUTO_TIME
FltV2.units.SIUnit	CF	FIXED_NUMERIC
FltV2.units.multiplier	CF	AUTO_VARIABLE_INT
FltV2.d	DC	FIXED_STRING
FltV2.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

Attribute	FC	Source
FltWatts.mag.f	MX	[FF 5F] - 3 Phase Watts
FltWatts.q	MX	Function (Get_Common_Quality())
FltWatts.t	MX	AUTO_TIME
FltWatts.units.SIUnit	CF	FIXED_NUMERIC
FltWatts.units.multiplier	CF	AUTO_VARIABLE_INT
FltWatts.d	DC	FIXED_STRING
FltWatts.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltVAr.s.mag.f	MX	[FF 60] - 3 Phase VAr.s
FltVAr.s.q	MX	Function (Get_Common_Quality())
FltVAr.s.t	MX	AUTO_TIME
FltVAr.s.units.SIUnit	CF	FIXED_NUMERIC
FltVAr.s.units.multiplier	CF	AUTO_VARIABLE_INT
FltVAr.s.d	DC	FIXED_STRING
FltVAr.s.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltPF.mag.f	MX	[FF 61] - 3 Ph Power Factor
FltPF.q	MX	Function (Get_Common_Quality())
FltPF.t	MX	AUTO_TIME
FltPF.units.SIUnit	CF	FIXED_NUMERIC
FltPF.units.multiplier	CF	AUTO_VARIABLE_INT
FltPF.d	DC	FIXED_STRING
FltPF.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
RTD1.mag.f	MX	[FF 62] - RTD 1
RTD1.q	MX	Function (Get_Common_Quality())
RTD1.t	MX	AUTO_TIME
RTD1.units.SIUnit	CF	FIXED_NUMERIC
RTD1.units.multiplier	CF	AUTO_VARIABLE_INT
RTD1.d	DC	FIXED_STRING
RTD1.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
RTD2.mag.f	MX	[FF 63] - RTD 2
RTD2.q	MX	Function (Get_Common_Quality())
RTD2.t	MX	AUTO_TIME
RTD2.units.SIUnit	CF	FIXED_NUMERIC
RTD2.units.multiplier	CF	AUTO_VARIABLE_INT
RTD2.d	DC	FIXED_STRING
RTD2.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
RTD3.mag.f	MX	[FF 64] - RTD 3
RTD3.q	MX	Function (Get_Common_Quality())
RTD3.t	MX	AUTO_TIME
RTD3.units.SIUnit	CF	FIXED_NUMERIC
RTD3.units.multiplier	CF	AUTO_VARIABLE_INT
RTD3.d	DC	FIXED_STRING
RTD3.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
RTD4.mag.f	MX	[FF 65] - RTD 4
RTD4.q	MX	Function (Get_Common_Quality())

Attribute	FC	Source
RTD4.t	MX	AUTO_TIME
RTD4.units.SIUnit	CF	FIXED_NUMERIC
RTD4.units.multiplier	CF	AUTO_VARIABLE_INT
RTD4.d	DC	FIXED_STRING
RTD4.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
RTD5.mag.f	MX	[FF 66] - RTD 5
RTD5.q	MX	Function (Get_Common_Quality())
RTD5.t	MX	AUTO_TIME
RTD5.units.SIUnit	CF	FIXED_NUMERIC
RTD5.units.multiplier	CF	AUTO_VARIABLE_INT
RTD5.d	DC	FIXED_STRING
RTD5.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
RTD6.mag.f	MX	[FF 67] - RTD 6
RTD6.q	MX	Function (Get_Common_Quality())
RTD6.t	MX	AUTO_TIME
RTD6.units.SIUnit	CF	FIXED_NUMERIC
RTD6.units.multiplier	CF	AUTO_VARIABLE_INT
RTD6.d	DC	FIXED_STRING
RTD6.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
RTD7.mag.f	MX	[FF 68] - RTD 7
RTD7.q	MX	Function (Get_Common_Quality())
RTD7.t	MX	AUTO_TIME
RTD7.units.SIUnit	CF	FIXED_NUMERIC
RTD7.units.multiplier	CF	AUTO_VARIABLE_INT
RTD7.d	DC	FIXED_STRING
RTD7.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
RTD8.mag.f	MX	[FF 69] - RTD 8
RTD8.q	MX	Function (Get_Common_Quality())
RTD8.t	MX	AUTO_TIME
RTD8.units.SIUnit	CF	FIXED_NUMERIC
RTD8.units.multiplier	CF	AUTO_VARIABLE_INT
RTD8.d	DC	FIXED_STRING
RTD8.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
RTD9.mag.f	MX	[FF 6A] - RTD 9
RTD9.q	MX	Function (Get_Common_Quality())
RTD9.t	MX	AUTO_TIME
RTD9.units.SIUnit	CF	FIXED_NUMERIC
RTD9.units.multiplier	CF	AUTO_VARIABLE_INT
RTD9.d	DC	FIXED_STRING
RTD9.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
RTD10.mag.f	MX	[FF 6B] - RTD 10
RTD10.q	MX	Function (Get_Common_Quality())
RTD10.t	MX	AUTO_TIME
RTD10.units.SIUnit	CF	FIXED_NUMERIC

Attribute	FC	Source
RTD10.units.multiplier	CF	AUTO_VARIABLE_INT
RTD10.d	DC	FIXED_STRING
RTD10.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltDfdt.mag.f	MX	[FF 6C] - df/dt
FltDfdt.q	MX	Function (Get_Common_Quality())
FltDfdt.t	MX	AUTO_TIME
FltDfdt.units.SIUnit	CF	FIXED_NUMERIC
FltDfdt.units.multiplier	CF	AUTO_VARIABLE_INT
FltDfdt.d	DC	FIXED_STRING
FltDfdt.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltCLIO1.mag.f	MX	[FF 6E] - CLIO Input 1
FltCLIO1.q	MX	Function (Get_Common_Quality())
FltCLIO1.t	MX	AUTO_TIME
FltCLIO1.units.SIUnit	CF	FIXED_NUMERIC
FltCLIO1.units.multiplier	CF	AUTO_VARIABLE_INT
FltCLIO1.d	DC	FIXED_STRING
FltCLIO1.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltCLIO2.mag.f	MX	[FF 6F] - CLIO Input 2
FltCLIO2.q	MX	Function (Get_Common_Quality())
FltCLIO2.t	MX	AUTO_TIME
FltCLIO2.units.SIUnit	CF	FIXED_NUMERIC
FltCLIO2.units.multiplier	CF	AUTO_VARIABLE_INT
FltCLIO2.d	DC	FIXED_STRING
FltCLIO2.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltCLIO3.mag.f	MX	[FF 70] - CLIO Input 3
FltCLIO3.q	MX	Function (Get_Common_Quality())
FltCLIO3.t	MX	AUTO_TIME
FltCLIO3.units.SIUnit	CF	FIXED_NUMERIC
FltCLIO3.units.multiplier	CF	AUTO_VARIABLE_INT
FltCLIO3.d	DC	FIXED_STRING
FltCLIO3.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltCLIO4.mag.f	MX	[FF 71] - CLIO Input 4
FltCLIO4.q	MX	Function (Get_Common_Quality())
FltCLIO4.t	MX	AUTO_TIME
FltCLIO4.units.SIUnit	CF	FIXED_NUMERIC
FltCLIO4.units.multiplier	CF	AUTO_VARIABLE_INT
FltCLIO4.d	DC	FIXED_STRING
FltCLIO4.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
Flt64SCI.mag.f	MX	[FF 75] - 64R CL Input
Flt64SCI.q	MX	Function (Get_Common_Quality())
Flt64SCI.t	MX	AUTO_TIME
Flt64SCI.units.SIUnit	CF	FIXED_NUMERIC
Flt64SCI.units.multiplier	CF	AUTO_VARIABLE_INT
Flt64SCI.d	DC	FIXED_STRING

Attribute	FC	Source
Flt64SCI.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
Flt64SRF.mag.f	MX	[FF 76] - 64R R Fault
Flt64SRF.q	MX	Function (Get_Common_Quality())
Flt64SRF.t	MX	AUTO_TIME
Flt64SRF.units.SIUnit	CF	FIXED_NUMERIC
Flt64SRF.units.multiplier	CF	AUTO_VARIABLE_INT
Flt64SRF.d	DC	FIXED_STRING
Flt64SRF.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltSenP.mag.f	MX	[FF 7E] - XPh Sensitive Watts
FltSenP.q	MX	Function (Get_Common_Quality())
FltSenP.t	MX	AUTO_TIME
FltSenP.units.SIUnit	CF	FIXED_NUMERIC
FltSenP.units.multiplier	CF	AUTO_VARIABLE_INT
FltSenP.d	DC	FIXED_STRING
FltSenP.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltIpeak1.phsA.cVal.mag.f	MX	[FF 7F] - IA Peak Mag
FltIpeak1.phsA.q	MX	Function (Get_Common_Quality())
FltIpeak1.phsA.t	MX	AUTO_TIME
FltIpeak1.phsA.units.SIUnit	CF	FIXED_NUMERIC
FltIpeak1.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
FltIpeak1.phsB.cVal.mag.f	MX	[FF 80] - IB Peak Mag
FltIpeak1.phsB.q	MX	Function (Get_Common_Quality())
FltIpeak1.phsB.t	MX	AUTO_TIME
FltIpeak1.phsB.units.SIUnit	CF	FIXED_NUMERIC
FltIpeak1.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
FltIpeak1.phsC.cVal.mag.f	MX	[FF 81] - IC Peak Mag
FltIpeak1.phsC.q	MX	Function (Get_Common_Quality())
FltIpeak1.phsC.t	MX	AUTO_TIME
FltIpeak1.phsC.units.SIUnit	CF	FIXED_NUMERIC
FltIpeak1.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
FltIpeak1.d	DC	FIXED_STRING
FltIpeak1.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FltI2t1.phsA.cVal.mag.f	MX	[FF 82] - I2t Phase A-1
FltI2t1.phsA.q	MX	Function (Get_Common_Quality())
FltI2t1.phsA.t	MX	AUTO_TIME
FltI2t1.phsA.units.SIUnit	CF	FIXED_NUMERIC
FltI2t1.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
FltI2t1.phsB.cVal.mag.f	MX	[FF 83] - I2t Phase B-1
FltI2t1.phsB.q	MX	Function (Get_Common_Quality())
FltI2t1.phsB.t	MX	AUTO_TIME
FltI2t1.phsB.units.SIUnit	CF	FIXED_NUMERIC
FltI2t1.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
FltI2t1.phsC.cVal.mag.f	MX	[FF 84] - I2t Phase C-1
FltI2t1.phsC.q	MX	Function (Get_Common_Quality())

Attribute	FC	Source
FItI2t1.phsC.t	MX	AUTO_TIME
FItI2t1.phsC.units.SIUnit	CF	FIXED_NUMERIC
FItI2t1.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
FItI2t1.d	DC	FIXED_STRING
FItI2t1.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FItIpeak2.phsA.cVal.mag.f	MX	[FF 85] - IA-2 Peak Mag
FItIpeak2.phsA.q	MX	Function (Get_Common_Quality())
FItIpeak2.phsA.t	MX	AUTO_TIME
FItIpeak2.phsA.units.SIUnit	CF	FIXED_NUMERIC
FItIpeak2.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
FItIpeak2.phsB.cVal.mag.f	MX	[FF 86] - IB-2 Peak Mag
FItIpeak2.phsB.q	MX	Function (Get_Common_Quality())
FItIpeak2.phsB.t	MX	AUTO_TIME
FItIpeak2.phsB.units.SIUnit	CF	FIXED_NUMERIC
FItIpeak2.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
FItIpeak2.phsC.cVal.mag.f	MX	[FF 87] - IC-2 Peak Mag
FItIpeak2.phsC.q	MX	Function (Get_Common_Quality())
FItIpeak2.phsC.t	MX	AUTO_TIME
FItIpeak2.phsC.units.SIUnit	CF	FIXED_NUMERIC
FItIpeak2.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
FItIpeak2.d	DC	FIXED_STRING
FItIpeak2.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
FItI2t2.phsA.cVal.mag.f	MX	[FF 88] - I2t Phase A-2
FItI2t2.phsA.q	MX	Function (Get_Common_Quality())
FItI2t2.phsA.t	MX	AUTO_TIME
FItI2t2.phsA.units.SIUnit	CF	FIXED_NUMERIC
FItI2t2.phsA.units.multiplier	CF	AUTO_VARIABLE_INT
FItI2t2.phsB.cVal.mag.f	MX	[FF 89] - I2t Phase B-2
FItI2t2.phsB.q	MX	Function (Get_Common_Quality())
FItI2t2.phsB.t	MX	AUTO_TIME
FItI2t2.phsB.units.SIUnit	CF	FIXED_NUMERIC
FItI2t2.phsB.units.multiplier	CF	AUTO_VARIABLE_INT
FItI2t2.phsC.cVal.mag.f	MX	[FF 8A] - I2t Phase C-2
FItI2t2.phsC.q	MX	Function (Get_Common_Quality())
FItI2t2.phsC.t	MX	AUTO_TIME
FItI2t2.phsC.units.SIUnit	CF	FIXED_NUMERIC
FItI2t2.phsC.units.multiplier	CF	AUTO_VARIABLE_INT
FItI2t2.d	DC	FIXED_STRING
FItI2t2.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

6 Logical Device: System

This section details Courier Cell and Digital Data Bus assignments to IEC61850 Data Attributes within Logical Nodes contained in the System Logical Device.

6.1 Logical Node: AlmGGIO1

Description: Alarms

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Alm1.stVal	ST	DDB_FREQ_ALARM (353)
Alm1.q	ST	Function (Get_Common_Quality())
Alm1.t	ST	AUTO_TIME
Alm1.d	DC	DDB_FREQ_ALARM (353)
Alm2.stVal	ST	DDB_ILLEGAL_OPTO_SETTINGS_GROUP (354)
Alm2.q	ST	Function (Get_Common_Quality())
Alm2.t	ST	AUTO_TIME
Alm2.d	DC	DDB_ILLEGAL_OPTO_SETTINGS_GROUP (354)
Alm3.stVal	ST	DDB_OOS_ALARM (355)
Alm3.q	ST	Function (Get_Common_Quality())
Alm3.t	ST	AUTO_TIME
Alm3.d	DC	DDB_OOS_ALARM (355)
Alm4.stVal	ST	DDB_VTS_INDICATION (356)
Alm4.q	ST	Function (Get_Common_Quality())
Alm4.t	ST	AUTO_TIME
Alm4.d	DC	DDB_VTS_INDICATION (356)
Alm5.stVal	ST	DDB_CTS_INDICATION (357)
Alm5.q	ST	Function (Get_Common_Quality())
Alm5.t	ST	AUTO_TIME
Alm5.d	DC	DDB_CTS_INDICATION (357)
Alm6.stVal	ST	DDB_BREAKER_FAIL_ALARM (358)
Alm6.q	ST	Function (Get_Common_Quality())
Alm6.t	ST	AUTO_TIME
Alm6.d	DC	DDB_BREAKER_FAIL_ALARM (358)
Alm7.stVal	ST	DDB_BROKEN_CURRENT_ALARM (359)

Attribute	FC	Source
Alm7.q	ST	Function (Get_Common_Quality())
Alm7.t	ST	AUTO_TIME
Alm7.d	DC	DDB_BROKEN_CURRENT_ALARM (359)
Alm8.stVal	ST	DDB_BROKEN_CURRENT_LOCKOUT (360)
Alm8.q	ST	Function (Get_Common_Quality())
Alm8.t	ST	AUTO_TIME
Alm8.d	DC	FIXED_STRING
Alm9.stVal	ST	DDB_MAINTENANCE_ALARM (361)
Alm9.q	ST	Function (Get_Common_Quality())
Alm9.t	ST	AUTO_TIME
Alm9.d	DC	DDB_MAINTENANCE_ALARM (361)
Alm10.stVal	ST	DDB_MAINTENANCE_LOCKOUT (362)
Alm10.q	ST	Function (Get_Common_Quality())
Alm10.t	ST	AUTO_TIME
Alm10.d	DC	DDB_MAINTENANCE_LOCKOUT (362)
Alm11.stVal	ST	DDB_EXCESSIVE_OP_TIME_ALARM (363)
Alm11.q	ST	Function (Get_Common_Quality())
Alm11.t	ST	AUTO_TIME
Alm11.d	DC	DDB_EXCESSIVE_OP_TIME_ALARM (363)
Alm12.stVal	ST	DDB_EXCESSIVE_OP_TIME_LOCKOUT (364)
Alm12.q	ST	Function (Get_Common_Quality())
Alm12.t	ST	AUTO_TIME
Alm12.d	DC	DDB_EXCESSIVE_OP_TIME_LOCKOUT (364)
Alm13.stVal	ST	DDB_EFF_LOCKOUT (365)
Alm13.q	ST	Function (Get_Common_Quality())
Alm13.t	ST	AUTO_TIME
Alm13.d	DC	DDB_EFF_LOCKOUT (365)
Alm14.stVal	ST	DDB_CB_STATUS_ALARM (366)
Alm14.q	ST	Function (Get_Common_Quality())
Alm14.t	ST	AUTO_TIME
Alm14.d	DC	DDB_CB_STATUS_ALARM (366)
Alm15.stVal	ST	DDB_CB_FAILED_TO_TRIP (367)
Alm15.q	ST	Function (Get_Common_Quality())
Alm15.t	ST	AUTO_TIME
Alm15.d	DC	DDB_CB_FAILED_TO_TRIP (367)
Alm16.stVal	ST	DDB_CB_FAILED_TO_CLOSE (368)
Alm16.q	ST	Function (Get_Common_Quality())
Alm16.t	ST	AUTO_TIME
Alm16.d	DC	DDB_CB_FAILED_TO_CLOSE (368)
Alm17.stVal	ST	DDB_CONTROL_CB_UNHEALTHY (369)
Alm17.q	ST	Function (Get_Common_Quality())
Alm17.t	ST	AUTO_TIME
Alm17.d	DC	DDB_CONTROL_CB_UNHEALTHY (369)
Alm18.stVal	ST	FIXED_NUMERIC

Attribute	FC	Source
Alm18.q	ST	Function (Get_Common_Quality())
Alm18.t	ST	AUTO_TIME
Alm18.d	DC	FIXED_STRING
Alm19.stVal	ST	DDB_GEN_THERMAL_ALARM (371)
Alm19.q	ST	Function (Get_Common_Quality())
Alm19.t	ST	AUTO_TIME
Alm19.d	DC	DDB_GEN_THERMAL_ALARM (371)
Alm20.stVal	ST	FIXED_NUMERIC
Alm20.q	ST	Function (Get_Common_Quality())
Alm20.t	ST	AUTO_TIME
Alm20.d	DC	FIXED_STRING
Alm21.stVal	ST	FIXED_NUMERIC
Alm21.q	ST	Function (Get_Common_Quality())
Alm21.t	ST	AUTO_TIME
Alm21.d	DC	FIXED_STRING
Alm22.stVal	ST	FIXED_NUMERIC
Alm22.q	ST	Function (Get_Common_Quality())
Alm22.t	ST	AUTO_TIME
Alm22.d	DC	FIXED_STRING
Alm23.stVal	ST	FIXED_NUMERIC
Alm23.q	ST	Function (Get_Common_Quality())
Alm23.t	ST	AUTO_TIME
Alm23.d	DC	FIXED_STRING
Alm24.stVal	ST	FIXED_NUMERIC
Alm24.q	ST	Function (Get_Common_Quality())
Alm24.t	ST	AUTO_TIME
Alm24.d	DC	FIXED_STRING
Alm25.stVal	ST	FIXED_NUMERIC
Alm25.q	ST	Function (Get_Common_Quality())
Alm25.t	ST	AUTO_TIME
Alm25.d	DC	FIXED_STRING
Alm26.stVal	ST	FIXED_NUMERIC
Alm26.q	ST	Function (Get_Common_Quality())
Alm26.t	ST	AUTO_TIME
Alm26.d	DC	FIXED_STRING
Alm27.stVal	ST	DDB_FREQ_PROT_ALM (379)
Alm27.q	ST	Function (Get_Common_Quality())
Alm27.t	ST	AUTO_TIME
Alm27.d	DC	DDB_FREQ_PROT_ALM (379)
Alm28.stVal	ST	DDB_VOLTAGE_PROT_ALM (380)
Alm28.q	ST	Function (Get_Common_Quality())
Alm28.t	ST	AUTO_TIME
Alm28.d	DC	DDB_VOLTAGE_PROT_ALM (380)
Alm29.stVal	ST	FIXED_NUMERIC

Attribute	FC	Source
Alm29.q	ST	Function (Get_Common_Quality())
Alm29.t	ST	AUTO_TIME
Alm29.d	DC	FIXED_STRING
Alm30.stVal	ST	FIXED_NUMERIC
Alm30.q	ST	Function (Get_Common_Quality())
Alm30.t	ST	AUTO_TIME
Alm30.d	DC	FIXED_STRING
Alm31.stVal	ST	FIXED_NUMERIC
Alm31.q	ST	Function (Get_Common_Quality())
Alm31.t	ST	AUTO_TIME
Alm31.d	DC	FIXED_STRING
Alm32.stVal	ST	DDB_CLIO_CARD_INPUT_FAIL (384)
Alm32.q	ST	Function (Get_Common_Quality())
Alm32.t	ST	AUTO_TIME
Alm32.d	DC	DDB_CLIO_CARD_INPUT_FAIL (384)
Alm33.stVal	ST	DDB_CLIO_CARD_OUTPUT_FAIL (385)
Alm33.q	ST	Function (Get_Common_Quality())
Alm33.t	ST	AUTO_TIME
Alm33.d	DC	DDB_CLIO_CARD_OUTPUT_FAIL (385)
Alm34.stVal	ST	DDB_CL_INPUT_1_ALARM (386)
Alm34.q	ST	Function (Get_Common_Quality())
Alm34.t	ST	AUTO_TIME
Alm34.d	DC	DDB_CL_INPUT_1_ALARM (386)
Alm35.stVal	ST	DDB_CL_INPUT_2_ALARM (387)
Alm35.q	ST	Function (Get_Common_Quality())
Alm35.t	ST	AUTO_TIME
Alm35.d	DC	DDB_CL_INPUT_2_ALARM (387)
Alm36.stVal	ST	DDB_CL_INPUT_3_ALARM (388)
Alm36.q	ST	Function (Get_Common_Quality())
Alm36.t	ST	AUTO_TIME
Alm36.d	DC	DDB_CL_INPUT_3_ALARM (388)
Alm37.stVal	ST	DDB_CL_INPUT_4_ALARM (389)
Alm37.q	ST	Function (Get_Common_Quality())
Alm37.t	ST	AUTO_TIME
Alm37.d	DC	DDB_CL_INPUT_4_ALARM (389)
Alm38.stVal	ST	DDB_CLI_1_UNDERCURRENT_ALARM (390)
Alm38.q	ST	Function (Get_Common_Quality())
Alm38.t	ST	AUTO_TIME
Alm38.d	DC	DDB_CLI_1_UNDERCURRENT_ALARM (390)
Alm39.stVal	ST	DDB_CLI_2_UNDERCURRENT_ALARM (391)
Alm39.q	ST	Function (Get_Common_Quality())
Alm39.t	ST	AUTO_TIME
Alm39.d	DC	DDB_CLI_2_UNDERCURRENT_ALARM (391)
Alm40.stVal	ST	DDB_CLI_3_UNDERCURRENT_ALARM (392)

Attribute	FC	Source
Alm40.q	ST	Function (Get_Common_Quality())
Alm40.t	ST	AUTO_TIME
Alm40.d	DC	DDB_CLI_3_UNDERCURRENT_ALARM (392)
Alm41.stVal	ST	DDB_CLI_4_UNDERCURRENT_ALARM (393)
Alm41.q	ST	Function (Get_Common_Quality())
Alm41.t	ST	AUTO_TIME
Alm41.d	DC	DDB_CLI_4_UNDERCURRENT_ALARM (393)
Alm42.stVal	ST	DDB_64R_UR_1_TRIP (394)
Alm42.q	ST	Function (Get_Common_Quality())
Alm42.t	ST	AUTO_TIME
Alm42.d	DC	DDB_64R_UR_1_TRIP (394)
Alm43.stVal	ST	DDB_64R_CLIO_INPUT_FAIL (395)
Alm43.q	ST	Function (Get_Common_Quality())
Alm43.t	ST	AUTO_TIME
Alm43.d	DC	DDB_64R_CLIO_INPUT_FAIL (395)
Alm44.stVal	ST	DDB_CT_PARA_MISMATCH_ALARM (396)
Alm44.q	ST	Function (Get_Common_Quality())
Alm44.t	ST	AUTO_TIME
Alm44.d	DC	DDB_CT_PARA_MISMATCH_ALARM (396)
Alm45.stVal	ST	DDB_LOL_ALARM (397)
Alm45.q	ST	Function (Get_Common_Quality())
Alm45.t	ST	AUTO_TIME
Alm45.d	DC	DDB_LOL_ALARM (397)
Alm46.stVal	ST	DDB_FAA_ALARM (398)
Alm46.q	ST	Function (Get_Common_Quality())
Alm46.t	ST	AUTO_TIME
Alm46.d	DC	DDB_FAA_ALARM (398)
Alm47.stVal	ST	DDB_THROUGH_FAULT_ALARM (399)
Alm47.q	ST	Function (Get_Common_Quality())
Alm47.t	ST	AUTO_TIME
Alm47.d	DC	DDB_THROUGH_FAULT_ALARM (399)
Alm48.stVal	ST	DDB_CIRCUITRY_FLT_ALM (400)
Alm48.q	ST	Function (Get_Common_Quality())
Alm48.t	ST	AUTO_TIME
Alm48.d	DC	DDB_CIRCUITRY_FLT_ALM (400)
Alm49.stVal	ST	DDB_TOL_PRETRIP_ALARM (401)
Alm49.q	ST	Function (Get_Common_Quality())
Alm49.t	ST	AUTO_TIME
Alm49.d	DC	DDB_TOL_PRETRIP_ALARM (401)
Alm50.stVal	ST	DDB_DIFF_CTS_INDICATION (402)
Alm50.q	ST	Function (Get_Common_Quality())
Alm50.t	ST	AUTO_TIME
Alm50.d	DC	DDB_DIFF_CTS_INDICATION (402)
Alm51.stVal	ST	DDB_CONTROL_NO_CHECK_SYNC (403)

Attribute	FC	Source
Alm51.q	ST	Function (Get_Common_Quality())
Alm51.t	ST	AUTO_TIME
Alm51.d	DC	DDB_CONTROL_NO_CHECK_SYNC (403)
Alm52.stVal	ST	DDB_SYSTEM_SPLIT_ALARM (404)
Alm52.q	ST	Function (Get_Common_Quality())
Alm52.t	ST	AUTO_TIME
Alm52.d	DC	DDB_SYSTEM_SPLIT_ALARM (404)
Alm53.stVal	ST	DDB_405_UNUSED (405)
Alm53.q	ST	Function (Get_Common_Quality())
Alm53.t	ST	AUTO_TIME
Alm53.d	DC	DDB_405_UNUSED (405)
Alm54.stVal	ST	DDB_406_UNUSED (406)
Alm54.q	ST	Function (Get_Common_Quality())
Alm54.t	ST	AUTO_TIME
Alm54.d	DC	DDB_406_UNUSED (406)
Alm55.stVal	ST	DDB_407_UNUSED (407)
Alm55.q	ST	Function (Get_Common_Quality())
Alm55.t	ST	AUTO_TIME
Alm55.d	DC	DDB_407_UNUSED (407)
Alm56.stVal	ST	DDB_408_UNUSED (408)
Alm56.q	ST	Function (Get_Common_Quality())
Alm56.t	ST	AUTO_TIME
Alm56.d	DC	DDB_408_UNUSED (408)
Alm57.stVal	ST	DDB_409_UNUSED (409)
Alm57.q	ST	Function (Get_Common_Quality())
Alm57.t	ST	AUTO_TIME
Alm57.d	DC	DDB_409_UNUSED (409)
Alm58.stVal	ST	DDB_410_UNUSED (410)
Alm58.q	ST	Function (Get_Common_Quality())
Alm58.t	ST	AUTO_TIME
Alm58.d	DC	DDB_410_UNUSED (410)
Alm59.stVal	ST	DDB_411_UNUSED (411)
Alm59.q	ST	Function (Get_Common_Quality())
Alm59.t	ST	AUTO_TIME
Alm59.d	DC	DDB_411_UNUSED (411)
Alm60.stVal	ST	DDB_412_UNUSED (412)
Alm60.q	ST	Function (Get_Common_Quality())
Alm60.t	ST	AUTO_TIME
Alm60.d	DC	DDB_412_UNUSED (412)
Alm61.stVal	ST	DDB_413_UNUSED (413)
Alm61.q	ST	Function (Get_Common_Quality())
Alm61.t	ST	AUTO_TIME
Alm61.d	DC	DDB_413_UNUSED (413)
Alm62.stVal	ST	DDB_414_UNUSED (414)

Attribute	FC	Source
Alm62.q	ST	Function (Get_Common_Quality())
Alm62.t	ST	AUTO_TIME
Alm62.d	DC	DDB_414_UNUSED (414)
Alm63.stVal	ST	DDB_415_UNUSED (415)
Alm63.q	ST	Function (Get_Common_Quality())
Alm63.t	ST	AUTO_TIME
Alm63.d	DC	DDB_415_UNUSED (415)
Alm64.stVal	ST	DDB_BATTERY_FAIL_ALARM (416)
Alm64.q	ST	Function (Get_Common_Quality())
Alm64.t	ST	AUTO_TIME
Alm64.d	DC	DDB_BATTERY_FAIL_ALARM (416)
Alm65.stVal	ST	DDB_FIELD_VOLTS_FAIL (417)
Alm65.q	ST	Function (Get_Common_Quality())
Alm65.t	ST	AUTO_TIME
Alm65.d	DC	DDB_FIELD_VOLTS_FAIL (417)
Alm66.stVal	ST	DDB_INTERMICOM_FAIL_ALARM (418)
Alm66.q	ST	Function (Get_Common_Quality())
Alm66.t	ST	AUTO_TIME
Alm66.d	DC	DDB_INTERMICOM_FAIL_ALARM (418)
Alm67.stVal	ST	DDB_GOOSE_MISSING_IED_ALARM (419)
Alm67.q	ST	Function (Get_Common_Quality())
Alm67.t	ST	AUTO_TIME
Alm67.d	DC	DDB_GOOSE_MISSING_IED_ALARM (419)
Alm68.stVal	ST	DDB_ECARD_NOT_FITTED_ALARM (420)
Alm68.q	ST	Function (Get_Common_Quality())
Alm68.t	ST	AUTO_TIME
Alm68.d	DC	DDB_ECARD_NOT_FITTED_ALARM (420)
Alm69.stVal	ST	DDB_NIC_NOT_RESPONDING_ALARM (421)
Alm69.q	ST	Function (Get_Common_Quality())
Alm69.t	ST	AUTO_TIME
Alm69.d	DC	DDB_NIC_NOT_RESPONDING_ALARM (421)
Alm70.stVal	ST	DDB_NIC_FATAL_ERROR_ALARM (422)
Alm70.q	ST	Function (Get_Common_Quality())
Alm70.t	ST	AUTO_TIME
Alm70.d	DC	DDB_NIC_FATAL_ERROR_ALARM (422)
Alm71.stVal	ST	DDB_NIC_SOFTWARE_RELOAD_ALARM (423)
Alm71.q	ST	Function (Get_Common_Quality())
Alm71.t	ST	AUTO_TIME
Alm71.d	DC	DDB_NIC_SOFTWARE_RELOAD_ALARM (423)
Alm72.stVal	ST	DDB_INVALID_TCP_IP_CONFIG_ALARM (424)
Alm72.q	ST	Function (Get_Common_Quality())
Alm72.t	ST	AUTO_TIME
Alm72.d	DC	DDB_INVALID_TCP_IP_CONFIG_ALARM (424)
Alm73.stVal	ST	DDB_INVALID_OSI_CONFIG_ALARM (425)

Attribute	FC	Source
Alm73.q	ST	Function (Get_Common_Quality())
Alm73.t	ST	AUTO_TIME
Alm73.d	DC	DDB_INVALID_OSI_CONFIG_ALARM (425)
Alm74.stVal	ST	FIXED_NUMERIC
Alm74.q	ST	Function (Get_Common_Quality())
Alm74.t	ST	AUTO_TIME
Alm74.d	DC	FIXED_STRING
Alm75.stVal	ST	DDB_SW_MISMATCH_ALARM (427)
Alm75.q	ST	Function (Get_Common_Quality())
Alm75.t	ST	AUTO_TIME
Alm75.d	DC	DDB_SW_MISMATCH_ALARM (427)
Alm76.stVal	ST	DDB_IP_ADDRESS_CONFLICT_ALARM (428)
Alm76.q	ST	Function (Get_Common_Quality())
Alm76.t	ST	AUTO_TIME
Alm76.d	DC	DDB_IP_ADDRESS_CONFLICT_ALARM (428)
Alm77.stVal	ST	DDB_INTERIN_LOOPBACK_ALARM (429)
Alm77.q	ST	Function (Get_Common_Quality())
Alm77.t	ST	AUTO_TIME
Alm77.d	DC	DDB_INTERIN_LOOPBACK_ALARM (429)
Alm78.stVal	ST	DDB_INTERIN_MSG_FAIL_ALARM (430)
Alm78.q	ST	Function (Get_Common_Quality())
Alm78.t	ST	AUTO_TIME
Alm78.d	DC	DDB_INTERIN_MSG_FAIL_ALARM (430)
Alm79.stVal	ST	DDB_INTERIN_DCD_FAIL_ALARM (431)
Alm79.q	ST	Function (Get_Common_Quality())
Alm79.t	ST	AUTO_TIME
Alm79.d	DC	DDB_INTERIN_DCD_FAIL_ALARM (431)
Alm80.stVal	ST	DDB_INTERIN_CHAN_FAIL_ALARM (432)
Alm80.q	ST	Function (Get_Common_Quality())
Alm80.t	ST	AUTO_TIME
Alm80.d	DC	DDB_INTERIN_CHAN_FAIL_ALARM (432)
Alm81.stVal	ST	DDB_NIC_LINK_1_FAIL (1568)
Alm81.q	ST	Function (Get_Common_Quality())
Alm81.t	ST	AUTO_TIME
Alm81.d	DC	FIXED_STRING
Alm82.stVal	ST	DDB_NIC_LINK_2_FAIL (1569)
Alm82.q	ST	Function (Get_Common_Quality())
Alm82.t	ST	AUTO_TIME
Alm82.d	DC	FIXED_STRING
Alm83.stVal	ST	DDB_NIC_LINK_3_FAIL (1570)
Alm83.q	ST	Function (Get_Common_Quality())
Alm83.t	ST	AUTO_TIME
Alm83.d	DC	FIXED_STRING
Alm84.stVal	ST	FIXED_NUMERIC

Attribute	FC	Source
Alm84.q	ST	Function (Get_Common_Quality())
Alm84.t	ST	AUTO_TIME
Alm84.d	DC	FIXED_STRING
Alm85.stVal	ST	DDB_INVALID_DNPOE_IP_ALARM (437)
Alm85.q	ST	Function (Get_Common_Quality())
Alm85.t	ST	AUTO_TIME
Alm85.d	DC	DDB_INVALID_DNPOE_IP_ALARM (437)
Alm86.stVal	ST	DDB_INVALID_CONFIG_ALARM (438)
Alm86.q	ST	Function (Get_Common_Quality())
Alm86.t	ST	AUTO_TIME
Alm86.d	DC	DDB_INVALID_CONFIG_ALARM (438)
Alm87.stVal	ST	DDB_TEST_MODE_ALARM (439)
Alm87.q	ST	Function (Get_Common_Quality())
Alm87.t	ST	AUTO_TIME
Alm87.d	DC	DDB_TEST_MODE_ALARM (439)
Alm88.stVal	ST	DDB_CONT_BLK_ALARM (440)
Alm88.q	ST	Function (Get_Common_Quality())
Alm88.t	ST	AUTO_TIME
Alm88.d	DC	DDB_CONT_BLK_ALARM (440)
Alm89.stVal	ST	DDB_HW_MISMATCH_ALARM (441)
Alm89.q	ST	Function (Get_Common_Quality())
Alm89.t	ST	AUTO_TIME
Alm89.d	DC	DDB_HW_MISMATCH_ALARM (441)
Alm90.stVal	ST	DDB_IEC61850_VER_MISMATCH_ALARM (442)
Alm90.q	ST	Function (Get_Common_Quality())
Alm90.t	ST	AUTO_TIME
Alm90.d	DC	DDB_IEC61850_VER_MISMATCH_ALARM (442)
Alm91.stVal	ST	DDB_GS_ACCEPT_SIMU_ALM (443)
Alm91.q	ST	Function (Get_Common_Quality())
Alm91.t	ST	AUTO_TIME
Alm91.d	DC	DDB_GS_ACCEPT_SIMU_ALM (443)
Alm92.stVal	ST	FIXED_NUMERIC
Alm92.q	ST	Function (Get_Common_Quality())
Alm92.t	ST	AUTO_TIME
Alm92.d	DC	FIXED_STRING
Alm93.stVal	ST	FIXED_NUMERIC
Alm93.q	ST	Function (Get_Common_Quality())
Alm93.t	ST	AUTO_TIME
Alm93.d	DC	FIXED_STRING
Alm94.stVal	ST	FIXED_NUMERIC
Alm94.q	ST	Function (Get_Common_Quality())
Alm94.t	ST	AUTO_TIME
Alm94.d	DC	FIXED_STRING
Alm95.stVal	ST	FIXED_NUMERIC

Attribute	FC	Source
Alm95.q	ST	Function (Get_Common_Quality())
Alm95.t	ST	AUTO_TIME
Alm95.d	DC	FIXED_STRING
Alm96.stVal	ST	FIXED_NUMERIC
Alm96.q	ST	Function (Get_Common_Quality())
Alm96.t	ST	AUTO_TIME
Alm96.d	DC	FIXED_STRING

6.2

Logical Node: AlmGGIO2**Description:** User Alarms

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctIModel	CF	FIXED_NUMERIC
Alm1.stVal	ST	DDB_USER_ALARM_1 (704)
Alm1.q	ST	Function (Get_Common_Quality())
Alm1.t	ST	AUTO_TIME
Alm1.d	DC	DDB_USER_ALARM_1 (704)
Alm2.stVal	ST	DDB_USER_ALARM_2 (705)
Alm2.q	ST	Function (Get_Common_Quality())
Alm2.t	ST	AUTO_TIME
Alm2.d	DC	DDB_USER_ALARM_2 (705)
Alm3.stVal	ST	DDB_USER_ALARM_3 (706)
Alm3.q	ST	Function (Get_Common_Quality())
Alm3.t	ST	AUTO_TIME
Alm3.d	DC	DDB_USER_ALARM_3 (706)
Alm4.stVal	ST	DDB_USER_ALARM_4 (707)
Alm4.q	ST	Function (Get_Common_Quality())
Alm4.t	ST	AUTO_TIME
Alm4.d	DC	DDB_USER_ALARM_4 (707)
Alm5.stVal	ST	DDB_USER_ALARM_5 (708)
Alm5.q	ST	Function (Get_Common_Quality())
Alm5.t	ST	AUTO_TIME
Alm5.d	DC	DDB_USER_ALARM_5 (708)

Attribute	FC	Source
Alm6.stVal	ST	DDB_USER_ALARM_6 (709)
Alm6.q	ST	Function (Get_Common_Quality())
Alm6.t	ST	AUTO_TIME
Alm6.d	DC	DDB_USER_ALARM_6 (709)
Alm7.stVal	ST	DDB_USER_ALARM_7 (710)
Alm7.q	ST	Function (Get_Common_Quality())
Alm7.t	ST	AUTO_TIME
Alm7.d	DC	DDB_USER_ALARM_7 (710)
Alm8.stVal	ST	DDB_USER_ALARM_8 (711)
Alm8.q	ST	Function (Get_Common_Quality())
Alm8.t	ST	AUTO_TIME
Alm8.d	DC	DDB_USER_ALARM_8 (711)
Alm9.stVal	ST	DDB_USER_ALARM_9 (712)
Alm9.q	ST	Function (Get_Common_Quality())
Alm9.t	ST	AUTO_TIME
Alm9.d	DC	DDB_USER_ALARM_9 (712)
Alm10.stVal	ST	DDB_USER_ALARM_10 (713)
Alm10.q	ST	Function (Get_Common_Quality())
Alm10.t	ST	AUTO_TIME
Alm10.d	DC	DDB_USER_ALARM_10 (713)
Alm11.stVal	ST	DDB_USER_ALARM_11 (714)
Alm11.q	ST	Function (Get_Common_Quality())
Alm11.t	ST	AUTO_TIME
Alm11.d	DC	DDB_USER_ALARM_11 (714)
Alm12.stVal	ST	DDB_USER_ALARM_12 (715)
Alm12.q	ST	Function (Get_Common_Quality())
Alm12.t	ST	AUTO_TIME
Alm12.d	DC	DDB_USER_ALARM_12 (715)
Alm13.stVal	ST	DDB_USER_ALARM_13 (716)
Alm13.q	ST	Function (Get_Common_Quality())
Alm13.t	ST	AUTO_TIME
Alm13.d	DC	DDB_USER_ALARM_13 (716)
Alm14.stVal	ST	DDB_USER_ALARM_14 (717)
Alm14.q	ST	Function (Get_Common_Quality())
Alm14.t	ST	AUTO_TIME
Alm14.d	DC	DDB_USER_ALARM_14 (717)
Alm15.stVal	ST	DDB_USER_ALARM_15 (718)
Alm15.q	ST	Function (Get_Common_Quality())
Alm15.t	ST	AUTO_TIME
Alm15.d	DC	DDB_USER_ALARM_15 (718)
Alm16.stVal	ST	DDB_USER_ALARM_16 (719)
Alm16.q	ST	Function (Get_Common_Quality())
Alm16.t	ST	AUTO_TIME
Alm16.d	DC	DDB_USER_ALARM_16 (719)

Attribute	FC	Source
Alm17.stVal	ST	DDB_USER_ALARM_17 (720)
Alm17.q	ST	Function (Get_Common_Quality())
Alm17.t	ST	AUTO_TIME
Alm17.d	DC	DDB_USER_ALARM_17 (720)
Alm18.stVal	ST	DDB_USER_ALARM_18 (721)
Alm18.q	ST	Function (Get_Common_Quality())
Alm18.t	ST	AUTO_TIME
Alm18.d	DC	DDB_USER_ALARM_18 (721)
Alm19.stVal	ST	DDB_USER_ALARM_19 (722)
Alm19.q	ST	Function (Get_Common_Quality())
Alm19.t	ST	AUTO_TIME
Alm19.d	DC	DDB_USER_ALARM_19 (722)
Alm20.stVal	ST	DDB_USER_ALARM_20 (723)
Alm20.q	ST	Function (Get_Common_Quality())
Alm20.t	ST	AUTO_TIME
Alm20.d	DC	DDB_USER_ALARM_20 (723)
Alm21.stVal	ST	DDB_USER_ALARM_21 (724)
Alm21.q	ST	Function (Get_Common_Quality())
Alm21.t	ST	AUTO_TIME
Alm21.d	DC	DDB_USER_ALARM_21 (724)
Alm22.stVal	ST	DDB_USER_ALARM_22 (725)
Alm22.q	ST	Function (Get_Common_Quality())
Alm22.t	ST	AUTO_TIME
Alm22.d	DC	DDB_USER_ALARM_22 (725)
Alm23.stVal	ST	DDB_USER_ALARM_23 (726)
Alm23.q	ST	Function (Get_Common_Quality())
Alm23.t	ST	AUTO_TIME
Alm23.d	DC	DDB_USER_ALARM_23 (726)
Alm24.stVal	ST	DDB_USER_ALARM_24 (727)
Alm24.q	ST	Function (Get_Common_Quality())
Alm24.t	ST	AUTO_TIME
Alm24.d	DC	DDB_USER_ALARM_24 (727)
Alm25.stVal	ST	DDB_USER_ALARM_25 (728)
Alm25.q	ST	Function (Get_Common_Quality())
Alm25.t	ST	AUTO_TIME
Alm25.d	DC	DDB_USER_ALARM_25 (728)
Alm26.stVal	ST	DDB_USER_ALARM_26 (729)
Alm26.q	ST	Function (Get_Common_Quality())
Alm26.t	ST	AUTO_TIME
Alm26.d	DC	DDB_USER_ALARM_26 (729)
Alm27.stVal	ST	DDB_USER_ALARM_27 (730)
Alm27.q	ST	Function (Get_Common_Quality())
Alm27.t	ST	AUTO_TIME
Alm27.d	DC	DDB_USER_ALARM_27 (730)

Attribute	FC	Source
Alm28.stVal	ST	DDB_USER_ALARM_28 (731)
Alm28.q	ST	Function (Get_Common_Quality())
Alm28.t	ST	AUTO_TIME
Alm28.d	DC	DDB_USER_ALARM_28 (731)
Alm29.stVal	ST	DDB_USER_ALARM_29 (732)
Alm29.q	ST	Function (Get_Common_Quality())
Alm29.t	ST	AUTO_TIME
Alm29.d	DC	DDB_USER_ALARM_29 (732)
Alm30.stVal	ST	DDB_USER_ALARM_30 (733)
Alm30.q	ST	Function (Get_Common_Quality())
Alm30.t	ST	AUTO_TIME
Alm30.d	DC	DDB_USER_ALARM_30 (733)
Alm31.stVal	ST	DDB_USER_ALARM_31 (734)
Alm31.q	ST	Function (Get_Common_Quality())
Alm31.t	ST	AUTO_TIME
Alm31.d	DC	DDB_USER_ALARM_31 (734)
Alm32.stVal	ST	DDB_USER_ALARM_32 (735)
Alm32.q	ST	Function (Get_Common_Quality())
Alm32.t	ST	AUTO_TIME
Alm32.d	DC	DDB_USER_ALARM_32 (735)

6.3

Logical Node: FnkGGIO1

Description: Function Keys

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[17 01] - Fn Key Status
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Ind1.stVal	ST	DDB_FN_KEY_1 (256)
Ind1.q	ST	Function (Get_Common_Quality())
Ind1.t	ST	AUTO_TIME
Ind1.d	DC	[17 04] - Fn Key 1 Label
Ind2.stVal	ST	DDB_FN_KEY_2 (257)
Ind2.q	ST	Function (Get_Common_Quality())
Ind2.t	ST	AUTO_TIME

Attribute	FC	Source
Ind2.d	DC	[17 07] - Fn Key 2 Label
Ind3.stVal	ST	DDB_FN_KEY_3 (258)
Ind3.q	ST	Function (Get_Common_Quality())
Ind3.t	ST	AUTO_TIME
Ind3.d	DC	[17 0A] - Fn Key 3 Label
Ind4.stVal	ST	DDB_FN_KEY_4 (259)
Ind4.q	ST	Function (Get_Common_Quality())
Ind4.t	ST	AUTO_TIME
Ind4.d	DC	[17 0D] - Fn Key 4 Label
Ind5.stVal	ST	DDB_FN_KEY_5 (260)
Ind5.q	ST	Function (Get_Common_Quality())
Ind5.t	ST	AUTO_TIME
Ind5.d	DC	[17 10] - Fn Key 5 Label
Ind6.stVal	ST	DDB_FN_KEY_6 (261)
Ind6.q	ST	Function (Get_Common_Quality())
Ind6.t	ST	AUTO_TIME
Ind6.d	DC	[17 13] - Fn Key 6 Label
Ind7.stVal	ST	DDB_FN_KEY_7 (262)
Ind7.q	ST	Function (Get_Common_Quality())
Ind7.t	ST	AUTO_TIME
Ind7.d	DC	[17 16] - Fn Key 7 Label
Ind8.stVal	ST	DDB_FN_KEY_8 (263)
Ind8.q	ST	Function (Get_Common_Quality())
Ind8.t	ST	AUTO_TIME
Ind8.d	DC	[17 19] - Fn Key 8 Label
Ind9.stVal	ST	DDB_FN_KEY_9 (264)
Ind9.q	ST	Function (Get_Common_Quality())
Ind9.t	ST	AUTO_TIME
Ind9.d	DC	[17 1C] - Fn Key 9 Label
Ind10.stVal	ST	DDB_FN_KEY_10 (265)
Ind10.q	ST	Function (Get_Common_Quality())
Ind10.t	ST	AUTO_TIME
Ind10.d	DC	[17 1F] - Fn Key 10 Label

6.4

Logical Node: GosGGIO1**Description:** GOOSE Input Signals with 128 for edition 2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC

Attribute	FC	Source
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
InRef1.setSrcRef	SP	INREF_STRING
InRef1.setSrcCB	SP	INREF_STRING
Ind1.stVal	ST	DDB_GOOSEIN_1 (1408)
Ind1.q	ST	Function (Get_Common_Quality())
Ind1.t	ST	AUTO_TIME
Ind1.d	DC	FIXED_STRING
InRef2.setSrcRef	SP	INREF_STRING
InRef2.setSrcCB	SP	INREF_STRING
Ind2.stVal	ST	DDB_GOOSEIN_2 (1409)
Ind2.q	ST	Function (Get_Common_Quality())
Ind2.t	ST	AUTO_TIME
Ind2.d	DC	FIXED_STRING
InRef3.setSrcRef	SP	INREF_STRING
InRef3.setSrcCB	SP	INREF_STRING
Ind3.stVal	ST	DDB_GOOSEIN_3 (1410)
Ind3.q	ST	Function (Get_Common_Quality())
Ind3.t	ST	AUTO_TIME
Ind3.d	DC	FIXED_STRING
InRef4.setSrcRef	SP	INREF_STRING
InRef4.setSrcCB	SP	INREF_STRING
Ind4.stVal	ST	DDB_GOOSEIN_4 (1411)
Ind4.q	ST	Function (Get_Common_Quality())
Ind4.t	ST	AUTO_TIME
Ind4.d	DC	FIXED_STRING
InRef5.setSrcRef	SP	INREF_STRING
InRef5.setSrcCB	SP	INREF_STRING
Ind5.stVal	ST	DDB_GOOSEIN_5 (1412)
Ind5.q	ST	Function (Get_Common_Quality())
Ind5.t	ST	AUTO_TIME
Ind5.d	DC	FIXED_STRING
InRef6.setSrcRef	SP	INREF_STRING
InRef6.setSrcCB	SP	INREF_STRING
Ind6.stVal	ST	DDB_GOOSEIN_6 (1413)
Ind6.q	ST	Function (Get_Common_Quality())
Ind6.t	ST	AUTO_TIME
Ind6.d	DC	FIXED_STRING
InRef7.setSrcRef	SP	INREF_STRING
InRef7.setSrcCB	SP	INREF_STRING

Attribute	FC	Source
Ind7.stVal	ST	DDB_GOOSEIN_7 (1414)
Ind7.q	ST	Function (Get_Common_Quality())
Ind7.t	ST	AUTO_TIME
Ind7.d	DC	FIXED_STRING
InRef8.setSrcRef	SP	INREF_STRING
InRef8.setSrcCB	SP	INREF_STRING
Ind8.stVal	ST	DDB_GOOSEIN_8 (1415)
Ind8.q	ST	Function (Get_Common_Quality())
Ind8.t	ST	AUTO_TIME
Ind8.d	DC	FIXED_STRING
InRef9.setSrcRef	SP	INREF_STRING
InRef9.setSrcCB	SP	INREF_STRING
Ind9.stVal	ST	DDB_GOOSEIN_9 (1416)
Ind9.q	ST	Function (Get_Common_Quality())
Ind9.t	ST	AUTO_TIME
Ind9.d	DC	FIXED_STRING
InRef10.setSrcRef	SP	INREF_STRING
InRef10.setSrcCB	SP	INREF_STRING
Ind10.stVal	ST	DDB_GOOSEIN_10 (1417)
Ind10.q	ST	Function (Get_Common_Quality())
Ind10.t	ST	AUTO_TIME
Ind10.d	DC	FIXED_STRING
InRef11.setSrcRef	SP	INREF_STRING
InRef11.setSrcCB	SP	INREF_STRING
Ind11.stVal	ST	DDB_GOOSEIN_11 (1418)
Ind11.q	ST	Function (Get_Common_Quality())
Ind11.t	ST	AUTO_TIME
Ind11.d	DC	FIXED_STRING
InRef12.setSrcRef	SP	INREF_STRING
InRef12.setSrcCB	SP	INREF_STRING
Ind12.stVal	ST	DDB_GOOSEIN_12 (1419)
Ind12.q	ST	Function (Get_Common_Quality())
Ind12.t	ST	AUTO_TIME
Ind12.d	DC	FIXED_STRING
InRef13.setSrcRef	SP	INREF_STRING
InRef13.setSrcCB	SP	INREF_STRING
Ind13.stVal	ST	DDB_GOOSEIN_13 (1420)
Ind13.q	ST	Function (Get_Common_Quality())
Ind13.t	ST	AUTO_TIME
Ind13.d	DC	FIXED_STRING
InRef14.setSrcRef	SP	INREF_STRING
InRef14.setSrcCB	SP	INREF_STRING
Ind14.stVal	ST	DDB_GOOSEIN_14 (1421)
Ind14.q	ST	Function (Get_Common_Quality())

Attribute	FC	Source
Ind14.t	ST	AUTO_TIME
Ind14.d	DC	FIXED_STRING
InRef15.setSrcRef	SP	INREF_STRING
InRef15.setSrcCB	SP	INREF_STRING
Ind15.stVal	ST	DDB_GOOSEIN_15 (1422)
Ind15.q	ST	Function (Get_Common_Quality())
Ind15.t	ST	AUTO_TIME
Ind15.d	DC	FIXED_STRING
InRef16.setSrcRef	SP	INREF_STRING
InRef16.setSrcCB	SP	INREF_STRING
Ind16.stVal	ST	DDB_GOOSEIN_16 (1423)
Ind16.q	ST	Function (Get_Common_Quality())
Ind16.t	ST	AUTO_TIME
Ind16.d	DC	FIXED_STRING
InRef17.setSrcRef	SP	INREF_STRING
InRef17.setSrcCB	SP	INREF_STRING
Ind17.stVal	ST	DDB_GOOSEIN_17 (1424)
Ind17.q	ST	Function (Get_Common_Quality())
Ind17.t	ST	AUTO_TIME
Ind17.d	DC	FIXED_STRING
InRef18.setSrcRef	SP	INREF_STRING
InRef18.setSrcCB	SP	INREF_STRING
Ind18.stVal	ST	DDB_GOOSEIN_18 (1425)
Ind18.q	ST	Function (Get_Common_Quality())
Ind18.t	ST	AUTO_TIME
Ind18.d	DC	FIXED_STRING
InRef19.setSrcRef	SP	INREF_STRING
InRef19.setSrcCB	SP	INREF_STRING
Ind19.stVal	ST	DDB_GOOSEIN_19 (1426)
Ind19.q	ST	Function (Get_Common_Quality())
Ind19.t	ST	AUTO_TIME
Ind19.d	DC	FIXED_STRING
InRef20.setSrcRef	SP	INREF_STRING
InRef20.setSrcCB	SP	INREF_STRING
Ind20.stVal	ST	DDB_GOOSEIN_20 (1427)
Ind20.q	ST	Function (Get_Common_Quality())
Ind20.t	ST	AUTO_TIME
Ind20.d	DC	FIXED_STRING
InRef21.setSrcRef	SP	INREF_STRING
InRef21.setSrcCB	SP	INREF_STRING
Ind21.stVal	ST	DDB_GOOSEIN_21 (1428)
Ind21.q	ST	Function (Get_Common_Quality())
Ind21.t	ST	AUTO_TIME
Ind21.d	DC	FIXED_STRING

Attribute	FC	Source
InRef22.setSrcRef	SP	INREF_STRING
InRef22.setSrcCB	SP	INREF_STRING
Ind22.stVal	ST	DDB_GOOSEIN_22 (1429)
Ind22.q	ST	Function (Get_Common_Quality())
Ind22.t	ST	AUTO_TIME
Ind22.d	DC	FIXED_STRING
InRef23.setSrcRef	SP	INREF_STRING
InRef23.setSrcCB	SP	INREF_STRING
Ind23.stVal	ST	DDB_GOOSEIN_23 (1430)
Ind23.q	ST	Function (Get_Common_Quality())
Ind23.t	ST	AUTO_TIME
Ind23.d	DC	FIXED_STRING
InRef24.setSrcRef	SP	INREF_STRING
InRef24.setSrcCB	SP	INREF_STRING
Ind24.stVal	ST	DDB_GOOSEIN_24 (1431)
Ind24.q	ST	Function (Get_Common_Quality())
Ind24.t	ST	AUTO_TIME
Ind24.d	DC	FIXED_STRING
InRef25.setSrcRef	SP	INREF_STRING
InRef25.setSrcCB	SP	INREF_STRING
Ind25.stVal	ST	DDB_GOOSEIN_25 (1432)
Ind25.q	ST	Function (Get_Common_Quality())
Ind25.t	ST	AUTO_TIME
Ind25.d	DC	FIXED_STRING
InRef26.setSrcRef	SP	INREF_STRING
InRef26.setSrcCB	SP	INREF_STRING
Ind26.stVal	ST	DDB_GOOSEIN_26 (1433)
Ind26.q	ST	Function (Get_Common_Quality())
Ind26.t	ST	AUTO_TIME
Ind26.d	DC	FIXED_STRING
InRef27.setSrcRef	SP	INREF_STRING
InRef27.setSrcCB	SP	INREF_STRING
Ind27.stVal	ST	DDB_GOOSEIN_27 (1434)
Ind27.q	ST	Function (Get_Common_Quality())
Ind27.t	ST	AUTO_TIME
Ind27.d	DC	FIXED_STRING
InRef28.setSrcRef	SP	INREF_STRING
InRef28.setSrcCB	SP	INREF_STRING
Ind28.stVal	ST	DDB_GOOSEIN_28 (1435)
Ind28.q	ST	Function (Get_Common_Quality())
Ind28.t	ST	AUTO_TIME
Ind28.d	DC	FIXED_STRING
InRef29.setSrcRef	SP	INREF_STRING
InRef29.setSrcCB	SP	INREF_STRING

Attribute	FC	Source
Ind29.stVal	ST	DDB_GOOSEIN_29 (1436)
Ind29.q	ST	Function (Get_Common_Quality())
Ind29.t	ST	AUTO_TIME
Ind29.d	DC	FIXED_STRING
InRef30.setSrcRef	SP	INREF_STRING
InRef30.setSrcCB	SP	INREF_STRING
Ind30.stVal	ST	DDB_GOOSEIN_30 (1437)
Ind30.q	ST	Function (Get_Common_Quality())
Ind30.t	ST	AUTO_TIME
Ind30.d	DC	FIXED_STRING
InRef31.setSrcRef	SP	INREF_STRING
InRef31.setSrcCB	SP	INREF_STRING
Ind31.stVal	ST	DDB_GOOSEIN_31 (1438)
Ind31.q	ST	Function (Get_Common_Quality())
Ind31.t	ST	AUTO_TIME
Ind31.d	DC	FIXED_STRING
InRef32.setSrcRef	SP	INREF_STRING
InRef32.setSrcCB	SP	INREF_STRING
Ind32.stVal	ST	DDB_GOOSEIN_32 (1439)
Ind32.q	ST	Function (Get_Common_Quality())
Ind32.t	ST	AUTO_TIME
Ind32.d	DC	FIXED_STRING
InRef33.setSrcRef	SP	INREF_STRING
InRef33.setSrcCB	SP	INREF_STRING
Ind33.stVal	ST	DDB_GOOSEIN_33 (1440)
Ind33.q	ST	Function (Get_Common_Quality())
Ind33.t	ST	AUTO_TIME
Ind33.d	DC	FIXED_STRING
InRef34.setSrcRef	SP	INREF_STRING
InRef34.setSrcCB	SP	INREF_STRING
Ind34.stVal	ST	DDB_GOOSEIN_34 (1441)
Ind34.q	ST	Function (Get_Common_Quality())
Ind34.t	ST	AUTO_TIME
Ind34.d	DC	FIXED_STRING
InRef35.setSrcRef	SP	INREF_STRING
InRef35.setSrcCB	SP	INREF_STRING
Ind35.stVal	ST	DDB_GOOSEIN_35 (1442)
Ind35.q	ST	Function (Get_Common_Quality())
Ind35.t	ST	AUTO_TIME
Ind35.d	DC	FIXED_STRING
InRef36.setSrcRef	SP	INREF_STRING
InRef36.setSrcCB	SP	INREF_STRING
Ind36.stVal	ST	DDB_GOOSEIN_36 (1443)
Ind36.q	ST	Function (Get_Common_Quality())

Attribute	FC	Source
Ind36.t	ST	AUTO_TIME
Ind36.d	DC	FIXED_STRING
InRef37.setSrcRef	SP	INREF_STRING
InRef37.setSrcCB	SP	INREF_STRING
Ind37.stVal	ST	DDB_GOOSEIN_37 (1444)
Ind37.q	ST	Function (Get_Common_Quality())
Ind37.t	ST	AUTO_TIME
Ind37.d	DC	FIXED_STRING
InRef38.setSrcRef	SP	INREF_STRING
InRef38.setSrcCB	SP	INREF_STRING
Ind38.stVal	ST	DDB_GOOSEIN_38 (1445)
Ind38.q	ST	Function (Get_Common_Quality())
Ind38.t	ST	AUTO_TIME
Ind38.d	DC	FIXED_STRING
InRef39.setSrcRef	SP	INREF_STRING
InRef39.setSrcCB	SP	INREF_STRING
Ind39.stVal	ST	DDB_GOOSEIN_39 (1446)
Ind39.q	ST	Function (Get_Common_Quality())
Ind39.t	ST	AUTO_TIME
Ind39.d	DC	FIXED_STRING
InRef40.setSrcRef	SP	INREF_STRING
InRef40.setSrcCB	SP	INREF_STRING
Ind40.stVal	ST	DDB_GOOSEIN_40 (1447)
Ind40.q	ST	Function (Get_Common_Quality())
Ind40.t	ST	AUTO_TIME
Ind40.d	DC	FIXED_STRING
InRef41.setSrcRef	SP	INREF_STRING
InRef41.setSrcCB	SP	INREF_STRING
Ind41.stVal	ST	DDB_GOOSEIN_41 (1448)
Ind41.q	ST	Function (Get_Common_Quality())
Ind41.t	ST	AUTO_TIME
Ind41.d	DC	FIXED_STRING
InRef42.setSrcRef	SP	INREF_STRING
InRef42.setSrcCB	SP	INREF_STRING
Ind42.stVal	ST	DDB_GOOSEIN_42 (1449)
Ind42.q	ST	Function (Get_Common_Quality())
Ind42.t	ST	AUTO_TIME
Ind42.d	DC	FIXED_STRING
InRef43.setSrcRef	SP	INREF_STRING
InRef43.setSrcCB	SP	INREF_STRING
Ind43.stVal	ST	DDB_GOOSEIN_43 (1450)
Ind43.q	ST	Function (Get_Common_Quality())
Ind43.t	ST	AUTO_TIME
Ind43.d	DC	FIXED_STRING

Attribute	FC	Source
InRef44.setSrcRef	SP	INREF_STRING
InRef44.setSrcCB	SP	INREF_STRING
Ind44.stVal	ST	DDB_GOOSEIN_44 (1451)
Ind44.q	ST	Function (Get_Common_Quality())
Ind44.t	ST	AUTO_TIME
Ind44.d	DC	FIXED_STRING
InRef45.setSrcRef	SP	INREF_STRING
InRef45.setSrcCB	SP	INREF_STRING
Ind45.stVal	ST	DDB_GOOSEIN_45 (1452)
Ind45.q	ST	Function (Get_Common_Quality())
Ind45.t	ST	AUTO_TIME
Ind45.d	DC	FIXED_STRING
InRef46.setSrcRef	SP	INREF_STRING
InRef46.setSrcCB	SP	INREF_STRING
Ind46.stVal	ST	DDB_GOOSEIN_46 (1453)
Ind46.q	ST	Function (Get_Common_Quality())
Ind46.t	ST	AUTO_TIME
Ind46.d	DC	FIXED_STRING
InRef47.setSrcRef	SP	INREF_STRING
InRef47.setSrcCB	SP	INREF_STRING
Ind47.stVal	ST	DDB_GOOSEIN_47 (1454)
Ind47.q	ST	Function (Get_Common_Quality())
Ind47.t	ST	AUTO_TIME
Ind47.d	DC	FIXED_STRING
InRef48.setSrcRef	SP	INREF_STRING
InRef48.setSrcCB	SP	INREF_STRING
Ind48.stVal	ST	DDB_GOOSEIN_48 (1455)
Ind48.q	ST	Function (Get_Common_Quality())
Ind48.t	ST	AUTO_TIME
Ind48.d	DC	FIXED_STRING
InRef49.setSrcRef	SP	INREF_STRING
InRef49.setSrcCB	SP	INREF_STRING
Ind49.stVal	ST	DDB_GOOSEIN_49 (1456)
Ind49.q	ST	Function (Get_Common_Quality())
Ind49.t	ST	AUTO_TIME
Ind49.d	DC	FIXED_STRING
InRef50.setSrcRef	SP	INREF_STRING
InRef50.setSrcCB	SP	INREF_STRING
Ind50.stVal	ST	DDB_GOOSEIN_50 (1457)
Ind50.q	ST	Function (Get_Common_Quality())
Ind50.t	ST	AUTO_TIME
Ind50.d	DC	FIXED_STRING
InRef51.setSrcRef	SP	INREF_STRING
InRef51.setSrcCB	SP	INREF_STRING

Attribute	FC	Source
Ind51.stVal	ST	DDB_GOOSEIN_51 (1458)
Ind51.q	ST	Function (Get_Common_Quality())
Ind51.t	ST	AUTO_TIME
Ind51.d	DC	FIXED_STRING
InRef52.setSrcRef	SP	INREF_STRING
InRef52.setSrcCB	SP	INREF_STRING
Ind52.stVal	ST	DDB_GOOSEIN_52 (1459)
Ind52.q	ST	Function (Get_Common_Quality())
Ind52.t	ST	AUTO_TIME
Ind52.d	DC	FIXED_STRING
InRef53.setSrcRef	SP	INREF_STRING
InRef53.setSrcCB	SP	INREF_STRING
Ind53.stVal	ST	DDB_GOOSEIN_53 (1460)
Ind53.q	ST	Function (Get_Common_Quality())
Ind53.t	ST	AUTO_TIME
Ind53.d	DC	FIXED_STRING
InRef54.setSrcRef	SP	INREF_STRING
InRef54.setSrcCB	SP	INREF_STRING
Ind54.stVal	ST	DDB_GOOSEIN_54 (1461)
Ind54.q	ST	Function (Get_Common_Quality())
Ind54.t	ST	AUTO_TIME
Ind54.d	DC	FIXED_STRING
InRef55.setSrcRef	SP	INREF_STRING
InRef55.setSrcCB	SP	INREF_STRING
Ind55.stVal	ST	DDB_GOOSEIN_55 (1462)
Ind55.q	ST	Function (Get_Common_Quality())
Ind55.t	ST	AUTO_TIME
Ind55.d	DC	FIXED_STRING
InRef56.setSrcRef	SP	INREF_STRING
InRef56.setSrcCB	SP	INREF_STRING
Ind56.stVal	ST	DDB_GOOSEIN_56 (1463)
Ind56.q	ST	Function (Get_Common_Quality())
Ind56.t	ST	AUTO_TIME
Ind56.d	DC	FIXED_STRING
InRef57.setSrcRef	SP	INREF_STRING
InRef57.setSrcCB	SP	INREF_STRING
Ind57.stVal	ST	DDB_GOOSEIN_57 (1464)
Ind57.q	ST	Function (Get_Common_Quality())
Ind57.t	ST	AUTO_TIME
Ind57.d	DC	FIXED_STRING
InRef58.setSrcRef	SP	INREF_STRING
InRef58.setSrcCB	SP	INREF_STRING
Ind58.stVal	ST	DDB_GOOSEIN_58 (1465)
Ind58.q	ST	Function (Get_Common_Quality())

Attribute	FC	Source
Ind58.t	ST	AUTO_TIME
Ind58.d	DC	FIXED_STRING
InRef59.setSrcRef	SP	INREF_STRING
InRef59.setSrcCB	SP	INREF_STRING
Ind59.stVal	ST	DDB_GOOSEIN_59 (1466)
Ind59.q	ST	Function (Get_Common_Quality())
Ind59.t	ST	AUTO_TIME
Ind59.d	DC	FIXED_STRING
InRef60.setSrcRef	SP	INREF_STRING
InRef60.setSrcCB	SP	INREF_STRING
Ind60.stVal	ST	DDB_GOOSEIN_60 (1467)
Ind60.q	ST	Function (Get_Common_Quality())
Ind60.t	ST	AUTO_TIME
Ind60.d	DC	FIXED_STRING
InRef61.setSrcRef	SP	INREF_STRING
InRef61.setSrcCB	SP	INREF_STRING
Ind61.stVal	ST	DDB_GOOSEIN_61 (1468)
Ind61.q	ST	Function (Get_Common_Quality())
Ind61.t	ST	AUTO_TIME
Ind61.d	DC	FIXED_STRING
InRef62.setSrcRef	SP	INREF_STRING
InRef62.setSrcCB	SP	INREF_STRING
Ind62.stVal	ST	DDB_GOOSEIN_62 (1469)
Ind62.q	ST	Function (Get_Common_Quality())
Ind62.t	ST	AUTO_TIME
Ind62.d	DC	FIXED_STRING
InRef63.setSrcRef	SP	INREF_STRING
InRef63.setSrcCB	SP	INREF_STRING
Ind63.stVal	ST	DDB_GOOSEIN_63 (1470)
Ind63.q	ST	Function (Get_Common_Quality())
Ind63.t	ST	AUTO_TIME
Ind63.d	DC	FIXED_STRING
InRef64.setSrcRef	SP	INREF_STRING
InRef64.setSrcCB	SP	INREF_STRING
Ind64.stVal	ST	DDB_GOOSEIN_64 (1471)
Ind64.q	ST	Function (Get_Common_Quality())
Ind64.t	ST	AUTO_TIME
Ind64.d	DC	FIXED_STRING
InRef65.setSrcRef	SP	INREF_STRING
InRef65.setSrcCB	SP	INREF_STRING
Ind65.stVal	ST	DDB_GOOSEIN_65 (448)
Ind65.q	ST	Function (Get_Common_Quality())
Ind65.t	ST	AUTO_TIME
Ind65.d	DC	FIXED_STRING

Attribute	FC	Source
InRef66.setSrcRef	SP	INREF_STRING
InRef66.setSrcCB	SP	INREF_STRING
Ind66.stVal	ST	DDB_GOOSEIN_66 (449)
Ind66.q	ST	Function (Get_Common_Quality())
Ind66.t	ST	AUTO_TIME
Ind66.d	DC	FIXED_STRING
InRef67.setSrcRef	SP	INREF_STRING
InRef67.setSrcCB	SP	INREF_STRING
Ind67.stVal	ST	DDB_GOOSEIN_67 (450)
Ind67.q	ST	Function (Get_Common_Quality())
Ind67.t	ST	AUTO_TIME
Ind67.d	DC	FIXED_STRING
InRef68.setSrcRef	SP	INREF_STRING
InRef68.setSrcCB	SP	INREF_STRING
Ind68.stVal	ST	DDB_GOOSEIN_68 (451)
Ind68.q	ST	Function (Get_Common_Quality())
Ind68.t	ST	AUTO_TIME
Ind68.d	DC	FIXED_STRING
InRef69.setSrcRef	SP	INREF_STRING
InRef69.setSrcCB	SP	INREF_STRING
Ind69.stVal	ST	DDB_GOOSEIN_69 (452)
Ind69.q	ST	Function (Get_Common_Quality())
Ind69.t	ST	AUTO_TIME
Ind69.d	DC	FIXED_STRING
InRef70.setSrcRef	SP	INREF_STRING
InRef70.setSrcCB	SP	INREF_STRING
Ind70.stVal	ST	DDB_GOOSEIN_70 (453)
Ind70.q	ST	Function (Get_Common_Quality())
Ind70.t	ST	AUTO_TIME
Ind70.d	DC	FIXED_STRING
InRef71.setSrcRef	SP	INREF_STRING
InRef71.setSrcCB	SP	INREF_STRING
Ind71.stVal	ST	DDB_GOOSEIN_71 (454)
Ind71.q	ST	Function (Get_Common_Quality())
Ind71.t	ST	AUTO_TIME
Ind71.d	DC	FIXED_STRING
InRef72.setSrcRef	SP	INREF_STRING
InRef72.setSrcCB	SP	INREF_STRING
Ind72.stVal	ST	DDB_GOOSEIN_72 (455)
Ind72.q	ST	Function (Get_Common_Quality())
Ind72.t	ST	AUTO_TIME
Ind72.d	DC	FIXED_STRING
InRef73.setSrcRef	SP	INREF_STRING
InRef73.setSrcCB	SP	INREF_STRING

Attribute	FC	Source
Ind73.stVal	ST	DDB_GOOSEIN_73 (456)
Ind73.q	ST	Function (Get_Common_Quality())
Ind73.t	ST	AUTO_TIME
Ind73.d	DC	FIXED_STRING
InRef74.setSrcRef	SP	INREF_STRING
InRef74.setSrcCB	SP	INREF_STRING
Ind74.stVal	ST	DDB_GOOSEIN_74 (457)
Ind74.q	ST	Function (Get_Common_Quality())
Ind74.t	ST	AUTO_TIME
Ind74.d	DC	FIXED_STRING
InRef75.setSrcRef	SP	INREF_STRING
InRef75.setSrcCB	SP	INREF_STRING
Ind75.stVal	ST	DDB_GOOSEIN_75 (458)
Ind75.q	ST	Function (Get_Common_Quality())
Ind75.t	ST	AUTO_TIME
Ind75.d	DC	FIXED_STRING
InRef76.setSrcRef	SP	INREF_STRING
InRef76.setSrcCB	SP	INREF_STRING
Ind76.stVal	ST	DDB_GOOSEIN_76 (459)
Ind76.q	ST	Function (Get_Common_Quality())
Ind76.t	ST	AUTO_TIME
Ind76.d	DC	FIXED_STRING
InRef77.setSrcRef	SP	INREF_STRING
InRef77.setSrcCB	SP	INREF_STRING
Ind77.stVal	ST	DDB_GOOSEIN_77 (460)
Ind77.q	ST	Function (Get_Common_Quality())
Ind77.t	ST	AUTO_TIME
Ind77.d	DC	FIXED_STRING
InRef78.setSrcRef	SP	INREF_STRING
InRef78.setSrcCB	SP	INREF_STRING
Ind78.stVal	ST	DDB_GOOSEIN_78 (461)
Ind78.q	ST	Function (Get_Common_Quality())
Ind78.t	ST	AUTO_TIME
Ind78.d	DC	FIXED_STRING
InRef79.setSrcRef	SP	INREF_STRING
InRef79.setSrcCB	SP	INREF_STRING
Ind79.stVal	ST	DDB_GOOSEIN_79 (462)
Ind79.q	ST	Function (Get_Common_Quality())
Ind79.t	ST	AUTO_TIME
Ind79.d	DC	FIXED_STRING
InRef80.setSrcRef	SP	INREF_STRING
InRef80.setSrcCB	SP	INREF_STRING
Ind80.stVal	ST	DDB_GOOSEIN_80 (463)
Ind80.q	ST	Function (Get_Common_Quality())

Attribute	FC	Source
Ind80.t	ST	AUTO_TIME
Ind80.d	DC	FIXED_STRING
InRef81.setSrcRef	SP	INREF_STRING
InRef81.setSrcCB	SP	INREF_STRING
Ind81.stVal	ST	DDB_GOOSEIN_81 (464)
Ind81.q	ST	Function (Get_Common_Quality())
Ind81.t	ST	AUTO_TIME
Ind81.d	DC	FIXED_STRING
InRef82.setSrcRef	SP	INREF_STRING
InRef82.setSrcCB	SP	INREF_STRING
Ind82.stVal	ST	DDB_GOOSEIN_82 (465)
Ind82.q	ST	Function (Get_Common_Quality())
Ind82.t	ST	AUTO_TIME
Ind82.d	DC	FIXED_STRING
InRef83.setSrcRef	SP	INREF_STRING
InRef83.setSrcCB	SP	INREF_STRING
Ind83.stVal	ST	DDB_GOOSEIN_83 (466)
Ind83.q	ST	Function (Get_Common_Quality())
Ind83.t	ST	AUTO_TIME
Ind83.d	DC	FIXED_STRING
InRef84.setSrcRef	SP	INREF_STRING
InRef84.setSrcCB	SP	INREF_STRING
Ind84.stVal	ST	DDB_GOOSEIN_84 (467)
Ind84.q	ST	Function (Get_Common_Quality())
Ind84.t	ST	AUTO_TIME
Ind84.d	DC	FIXED_STRING
InRef85.setSrcRef	SP	INREF_STRING
InRef85.setSrcCB	SP	INREF_STRING
Ind85.stVal	ST	DDB_GOOSEIN_85 (468)
Ind85.q	ST	Function (Get_Common_Quality())
Ind85.t	ST	AUTO_TIME
Ind85.d	DC	FIXED_STRING
InRef86.setSrcRef	SP	INREF_STRING
InRef86.setSrcCB	SP	INREF_STRING
Ind86.stVal	ST	DDB_GOOSEIN_86 (469)
Ind86.q	ST	Function (Get_Common_Quality())
Ind86.t	ST	AUTO_TIME
Ind86.d	DC	FIXED_STRING
InRef87.setSrcRef	SP	INREF_STRING
InRef87.setSrcCB	SP	INREF_STRING
Ind87.stVal	ST	DDB_GOOSEIN_87 (470)
Ind87.q	ST	Function (Get_Common_Quality())
Ind87.t	ST	AUTO_TIME
Ind87.d	DC	FIXED_STRING

Attribute	FC	Source
InRef88.setSrcRef	SP	INREF_STRING
InRef88.setSrcCB	SP	INREF_STRING
Ind88.stVal	ST	DDB_GOOSEIN_88 (471)
Ind88.q	ST	Function (Get_Common_Quality())
Ind88.t	ST	AUTO_TIME
Ind88.d	DC	FIXED_STRING
InRef89.setSrcRef	SP	INREF_STRING
InRef89.setSrcCB	SP	INREF_STRING
Ind89.stVal	ST	DDB_GOOSEIN_89 (472)
Ind89.q	ST	Function (Get_Common_Quality())
Ind89.t	ST	AUTO_TIME
Ind89.d	DC	FIXED_STRING
InRef90.setSrcRef	SP	INREF_STRING
InRef90.setSrcCB	SP	INREF_STRING
Ind90.stVal	ST	DDB_GOOSEIN_90 (473)
Ind90.q	ST	Function (Get_Common_Quality())
Ind90.t	ST	AUTO_TIME
Ind90.d	DC	FIXED_STRING
InRef91.setSrcRef	SP	INREF_STRING
InRef91.setSrcCB	SP	INREF_STRING
Ind91.stVal	ST	DDB_GOOSEIN_91 (474)
Ind91.q	ST	Function (Get_Common_Quality())
Ind91.t	ST	AUTO_TIME
Ind91.d	DC	FIXED_STRING
InRef92.setSrcRef	SP	INREF_STRING
InRef92.setSrcCB	SP	INREF_STRING
Ind92.stVal	ST	DDB_GOOSEIN_92 (475)
Ind92.q	ST	Function (Get_Common_Quality())
Ind92.t	ST	AUTO_TIME
Ind92.d	DC	FIXED_STRING
InRef93.setSrcRef	SP	INREF_STRING
InRef93.setSrcCB	SP	INREF_STRING
Ind93.stVal	ST	DDB_GOOSEIN_93 (476)
Ind93.q	ST	Function (Get_Common_Quality())
Ind93.t	ST	AUTO_TIME
Ind93.d	DC	FIXED_STRING
InRef94.setSrcRef	SP	INREF_STRING
InRef94.setSrcCB	SP	INREF_STRING
Ind94.stVal	ST	DDB_GOOSEIN_94 (477)
Ind94.q	ST	Function (Get_Common_Quality())
Ind94.t	ST	AUTO_TIME
Ind94.d	DC	FIXED_STRING
InRef95.setSrcRef	SP	INREF_STRING
InRef95.setSrcCB	SP	INREF_STRING

Attribute	FC	Source
Ind95.stVal	ST	DDB_GOOSEIN_95 (478)
Ind95.q	ST	Function (Get_Common_Quality())
Ind95.t	ST	AUTO_TIME
Ind95.d	DC	FIXED_STRING
InRef96.setSrcRef	SP	INREF_STRING
InRef96.setSrcCB	SP	INREF_STRING
Ind96.stVal	ST	DDB_GOOSEIN_96 (479)
Ind96.q	ST	Function (Get_Common_Quality())
Ind96.t	ST	AUTO_TIME
Ind96.d	DC	FIXED_STRING
InRef97.setSrcRef	SP	INREF_STRING
InRef97.setSrcCB	SP	INREF_STRING
Ind97.stVal	ST	DDB_GOOSEIN_97 (480)
Ind97.q	ST	Function (Get_Common_Quality())
Ind97.t	ST	AUTO_TIME
Ind97.d	DC	FIXED_STRING
InRef98.setSrcRef	SP	INREF_STRING
InRef98.setSrcCB	SP	INREF_STRING
Ind98.stVal	ST	DDB_GOOSEIN_98 (481)
Ind98.q	ST	Function (Get_Common_Quality())
Ind98.t	ST	AUTO_TIME
Ind98.d	DC	FIXED_STRING
InRef99.setSrcRef	SP	INREF_STRING
InRef99.setSrcCB	SP	INREF_STRING
Ind99.stVal	ST	DDB_GOOSEIN_99 (482)
Ind99.q	ST	Function (Get_Common_Quality())
Ind99.t	ST	AUTO_TIME
Ind99.d	DC	FIXED_STRING
InRef100.setSrcRef	SP	INREF_STRING
InRef100.setSrcCB	SP	INREF_STRING
Ind100.stVal	ST	DDB_GOOSEIN_100 (483)
Ind100.q	ST	Function (Get_Common_Quality())
Ind100.t	ST	AUTO_TIME
Ind100.d	DC	FIXED_STRING
InRef101.setSrcRef	SP	INREF_STRING
InRef101.setSrcCB	SP	INREF_STRING
Ind101.stVal	ST	DDB_GOOSEIN_101 (484)
Ind101.q	ST	Function (Get_Common_Quality())
Ind101.t	ST	AUTO_TIME
Ind101.d	DC	FIXED_STRING
InRef102.setSrcRef	SP	INREF_STRING
InRef102.setSrcCB	SP	INREF_STRING
Ind102.stVal	ST	DDB_GOOSEIN_102 (485)
Ind102.q	ST	Function (Get_Common_Quality())

Attribute	FC	Source
Ind102.t	ST	AUTO_TIME
Ind102.d	DC	FIXED_STRING
InRef103.setSrcRef	SP	INREF_STRING
InRef103.setSrcCB	SP	INREF_STRING
Ind103.stVal	ST	DDB_GOOSEIN_103 (486)
Ind103.q	ST	Function (Get_Common_Quality())
Ind103.t	ST	AUTO_TIME
Ind103.d	DC	FIXED_STRING
InRef104.setSrcRef	SP	INREF_STRING
InRef104.setSrcCB	SP	INREF_STRING
Ind104.stVal	ST	DDB_GOOSEIN_104 (487)
Ind104.q	ST	Function (Get_Common_Quality())
Ind104.t	ST	AUTO_TIME
Ind104.d	DC	FIXED_STRING
InRef105.setSrcRef	SP	INREF_STRING
InRef105.setSrcCB	SP	INREF_STRING
Ind105.stVal	ST	DDB_GOOSEIN_105 (488)
Ind105.q	ST	Function (Get_Common_Quality())
Ind105.t	ST	AUTO_TIME
Ind105.d	DC	FIXED_STRING
InRef106.setSrcRef	SP	INREF_STRING
InRef106.setSrcCB	SP	INREF_STRING
Ind106.stVal	ST	DDB_GOOSEIN_106 (489)
Ind106.q	ST	Function (Get_Common_Quality())
Ind106.t	ST	AUTO_TIME
Ind106.d	DC	FIXED_STRING
InRef107.setSrcRef	SP	INREF_STRING
InRef107.setSrcCB	SP	INREF_STRING
Ind107.stVal	ST	DDB_GOOSEIN_107 (490)
Ind107.q	ST	Function (Get_Common_Quality())
Ind107.t	ST	AUTO_TIME
Ind107.d	DC	FIXED_STRING
InRef108.setSrcRef	SP	INREF_STRING
InRef108.setSrcCB	SP	INREF_STRING
Ind108.stVal	ST	DDB_GOOSEIN_108 (491)
Ind108.q	ST	Function (Get_Common_Quality())
Ind108.t	ST	AUTO_TIME
Ind108.d	DC	FIXED_STRING
InRef109.setSrcRef	SP	INREF_STRING
InRef109.setSrcCB	SP	INREF_STRING
Ind109.stVal	ST	DDB_GOOSEIN_109 (492)
Ind109.q	ST	Function (Get_Common_Quality())
Ind109.t	ST	AUTO_TIME
Ind109.d	DC	FIXED_STRING

Attribute	FC	Source
InRef110.setSrcRef	SP	INREF_STRING
InRef110.setSrcCB	SP	INREF_STRING
Ind110.stVal	ST	DDB_GOOSEIN_110 (493)
Ind110.q	ST	Function (Get_Common_Quality())
Ind110.t	ST	AUTO_TIME
Ind110.d	DC	FIXED_STRING
InRef111.setSrcRef	SP	INREF_STRING
InRef111.setSrcCB	SP	INREF_STRING
Ind111.stVal	ST	DDB_GOOSEIN_111 (494)
Ind111.q	ST	Function (Get_Common_Quality())
Ind111.t	ST	AUTO_TIME
Ind111.d	DC	FIXED_STRING
InRef112.setSrcRef	SP	INREF_STRING
InRef112.setSrcCB	SP	INREF_STRING
Ind112.stVal	ST	DDB_GOOSEIN_112 (495)
Ind112.q	ST	Function (Get_Common_Quality())
Ind112.t	ST	AUTO_TIME
Ind112.d	DC	FIXED_STRING
InRef113.setSrcRef	SP	INREF_STRING
InRef113.setSrcCB	SP	INREF_STRING
Ind113.stVal	ST	DDB_GOOSEIN_113 (496)
Ind113.q	ST	Function (Get_Common_Quality())
Ind113.t	ST	AUTO_TIME
Ind113.d	DC	FIXED_STRING
InRef114.setSrcRef	SP	INREF_STRING
InRef114.setSrcCB	SP	INREF_STRING
Ind114.stVal	ST	DDB_GOOSEIN_114 (497)
Ind114.q	ST	Function (Get_Common_Quality())
Ind114.t	ST	AUTO_TIME
Ind114.d	DC	FIXED_STRING
InRef115.setSrcRef	SP	INREF_STRING
InRef115.setSrcCB	SP	INREF_STRING
Ind115.stVal	ST	DDB_GOOSEIN_115 (498)
Ind115.q	ST	Function (Get_Common_Quality())
Ind115.t	ST	AUTO_TIME
Ind115.d	DC	FIXED_STRING
InRef116.setSrcRef	SP	INREF_STRING
InRef116.setSrcCB	SP	INREF_STRING
Ind116.stVal	ST	DDB_GOOSEIN_116 (499)
Ind116.q	ST	Function (Get_Common_Quality())
Ind116.t	ST	AUTO_TIME
Ind116.d	DC	FIXED_STRING
InRef117.setSrcRef	SP	INREF_STRING
InRef117.setSrcCB	SP	INREF_STRING

Attribute	FC	Source
Ind117.stVal	ST	DDB_GOOSEIN_117 (500)
Ind117.q	ST	Function (Get_Common_Quality())
Ind117.t	ST	AUTO_TIME
Ind117.d	DC	FIXED_STRING
InRef118.setSrcRef	SP	INREF_STRING
InRef118.setSrcCB	SP	INREF_STRING
Ind118.stVal	ST	DDB_GOOSEIN_118 (501)
Ind118.q	ST	Function (Get_Common_Quality())
Ind118.t	ST	AUTO_TIME
Ind118.d	DC	FIXED_STRING
InRef119.setSrcRef	SP	INREF_STRING
InRef119.setSrcCB	SP	INREF_STRING
Ind119.stVal	ST	DDB_GOOSEIN_119 (502)
Ind119.q	ST	Function (Get_Common_Quality())
Ind119.t	ST	AUTO_TIME
Ind119.d	DC	FIXED_STRING
InRef120.setSrcRef	SP	INREF_STRING
InRef120.setSrcCB	SP	INREF_STRING
Ind120.stVal	ST	DDB_GOOSEIN_120 (503)
Ind120.q	ST	Function (Get_Common_Quality())
Ind120.t	ST	AUTO_TIME
Ind120.d	DC	FIXED_STRING
InRef121.setSrcRef	SP	INREF_STRING
InRef121.setSrcCB	SP	INREF_STRING
Ind121.stVal	ST	DDB_GOOSEIN_121 (504)
Ind121.q	ST	Function (Get_Common_Quality())
Ind121.t	ST	AUTO_TIME
Ind121.d	DC	FIXED_STRING
InRef122.setSrcRef	SP	INREF_STRING
InRef122.setSrcCB	SP	INREF_STRING
Ind122.stVal	ST	DDB_GOOSEIN_122 (505)
Ind122.q	ST	Function (Get_Common_Quality())
Ind122.t	ST	AUTO_TIME
Ind122.d	DC	FIXED_STRING
InRef123.setSrcRef	SP	INREF_STRING
InRef123.setSrcCB	SP	INREF_STRING
Ind123.stVal	ST	DDB_GOOSEIN_123 (506)
Ind123.q	ST	Function (Get_Common_Quality())
Ind123.t	ST	AUTO_TIME
Ind123.d	DC	FIXED_STRING
InRef124.setSrcRef	SP	INREF_STRING
InRef124.setSrcCB	SP	INREF_STRING
Ind124.stVal	ST	DDB_GOOSEIN_124 (507)
Ind124.q	ST	Function (Get_Common_Quality())

Attribute	FC	Source
Ind124.t	ST	AUTO_TIME
Ind124.d	DC	FIXED_STRING
InRef125.setSrcRef	SP	INREF_STRING
InRef125.setSrcCB	SP	INREF_STRING
Ind125.stVal	ST	DDB_GOOSEIN_125 (508)
Ind125.q	ST	Function (Get_Common_Quality())
Ind125.t	ST	AUTO_TIME
Ind125.d	DC	FIXED_STRING
InRef126.setSrcRef	SP	INREF_STRING
InRef126.setSrcCB	SP	INREF_STRING
Ind126.stVal	ST	DDB_GOOSEIN_126 (509)
Ind126.q	ST	Function (Get_Common_Quality())
Ind126.t	ST	AUTO_TIME
Ind126.d	DC	FIXED_STRING
InRef127.setSrcRef	SP	INREF_STRING
InRef127.setSrcCB	SP	INREF_STRING
Ind127.stVal	ST	DDB_GOOSEIN_127 (510)
Ind127.q	ST	Function (Get_Common_Quality())
Ind127.t	ST	AUTO_TIME
Ind127.d	DC	FIXED_STRING
InRef128.setSrcRef	SP	INREF_STRING
InRef128.setSrcCB	SP	INREF_STRING
Ind128.stVal	ST	DDB_GOOSEIN_128 (511)
Ind128.q	ST	Function (Get_Common_Quality())
Ind128.t	ST	AUTO_TIME
Ind128.d	DC	FIXED_STRING

6.5

Logical Node: GosGGIO2**Description:** GOOSE Output Signals(with 64 indications)

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Ind1.stVal	ST	DDB_GOOSEOUT_1 (1696)

Attribute	FC	Source
Ind1.q	ST	Function (Get_Common_Quality())
Ind1.t	ST	AUTO_TIME
Ind1.d	DC	DDB_GOOSEOUT_1 (1696)
Ind2.stVal	ST	DDB_GOOSEOUT_2 (1697)
Ind2.q	ST	Function (Get_Common_Quality())
Ind2.t	ST	AUTO_TIME
Ind2.d	DC	DDB_GOOSEOUT_2 (1697)
Ind3.stVal	ST	DDB_GOOSEOUT_3 (1698)
Ind3.q	ST	Function (Get_Common_Quality())
Ind3.t	ST	AUTO_TIME
Ind3.d	DC	DDB_GOOSEOUT_3 (1698)
Ind4.stVal	ST	DDB_GOOSEOUT_4 (1699)
Ind4.q	ST	Function (Get_Common_Quality())
Ind4.t	ST	AUTO_TIME
Ind4.d	DC	DDB_GOOSEOUT_4 (1699)
Ind5.stVal	ST	DDB_GOOSEOUT_5 (1700)
Ind5.q	ST	Function (Get_Common_Quality())
Ind5.t	ST	AUTO_TIME
Ind5.d	DC	DDB_GOOSEOUT_5 (1700)
Ind6.stVal	ST	DDB_GOOSEOUT_6 (1701)
Ind6.q	ST	Function (Get_Common_Quality())
Ind6.t	ST	AUTO_TIME
Ind6.d	DC	DDB_GOOSEOUT_6 (1701)
Ind7.stVal	ST	DDB_GOOSEOUT_7 (1702)
Ind7.q	ST	Function (Get_Common_Quality())
Ind7.t	ST	AUTO_TIME
Ind7.d	DC	DDB_GOOSEOUT_7 (1702)
Ind8.stVal	ST	DDB_GOOSEOUT_8 (1703)
Ind8.q	ST	Function (Get_Common_Quality())
Ind8.t	ST	AUTO_TIME
Ind8.d	DC	DDB_GOOSEOUT_8 (1703)
Ind9.stVal	ST	DDB_GOOSEOUT_9 (1704)
Ind9.q	ST	Function (Get_Common_Quality())
Ind9.t	ST	AUTO_TIME
Ind9.d	DC	DDB_GOOSEOUT_9 (1704)
Ind10.stVal	ST	DDB_GOOSEOUT_10 (1705)
Ind10.q	ST	Function (Get_Common_Quality())
Ind10.t	ST	AUTO_TIME
Ind10.d	DC	DDB_GOOSEOUT_10 (1705)
Ind11.stVal	ST	DDB_GOOSEOUT_11 (1706)
Ind11.q	ST	Function (Get_Common_Quality())
Ind11.t	ST	AUTO_TIME
Ind11.d	DC	DDB_GOOSEOUT_11 (1706)
Ind12.stVal	ST	DDB_GOOSEOUT_12 (1707)

Attribute	FC	Source
Ind12.q	ST	Function (Get_Common_Quality())
Ind12.t	ST	AUTO_TIME
Ind12.d	DC	DDB_GOOSEOUT_12 (1707)
Ind13.stVal	ST	DDB_GOOSEOUT_13 (1708)
Ind13.q	ST	Function (Get_Common_Quality())
Ind13.t	ST	AUTO_TIME
Ind13.d	DC	DDB_GOOSEOUT_13 (1708)
Ind14.stVal	ST	DDB_GOOSEOUT_14 (1709)
Ind14.q	ST	Function (Get_Common_Quality())
Ind14.t	ST	AUTO_TIME
Ind14.d	DC	DDB_GOOSEOUT_14 (1709)
Ind15.stVal	ST	DDB_GOOSEOUT_15 (1710)
Ind15.q	ST	Function (Get_Common_Quality())
Ind15.t	ST	AUTO_TIME
Ind15.d	DC	DDB_GOOSEOUT_15 (1710)
Ind16.stVal	ST	DDB_GOOSEOUT_16 (1711)
Ind16.q	ST	Function (Get_Common_Quality())
Ind16.t	ST	AUTO_TIME
Ind16.d	DC	DDB_GOOSEOUT_16 (1711)
Ind17.stVal	ST	DDB_GOOSEOUT_17 (1712)
Ind17.q	ST	Function (Get_Common_Quality())
Ind17.t	ST	AUTO_TIME
Ind17.d	DC	DDB_GOOSEOUT_17 (1712)
Ind18.stVal	ST	DDB_GOOSEOUT_18 (1713)
Ind18.q	ST	Function (Get_Common_Quality())
Ind18.t	ST	AUTO_TIME
Ind18.d	DC	DDB_GOOSEOUT_18 (1713)
Ind19.stVal	ST	DDB_GOOSEOUT_19 (1714)
Ind19.q	ST	Function (Get_Common_Quality())
Ind19.t	ST	AUTO_TIME
Ind19.d	DC	DDB_GOOSEOUT_19 (1714)
Ind20.stVal	ST	DDB_GOOSEOUT_20 (1715)
Ind20.q	ST	Function (Get_Common_Quality())
Ind20.t	ST	AUTO_TIME
Ind20.d	DC	DDB_GOOSEOUT_20 (1715)
Ind21.stVal	ST	DDB_GOOSEOUT_21 (1716)
Ind21.q	ST	Function (Get_Common_Quality())
Ind21.t	ST	AUTO_TIME
Ind21.d	DC	DDB_GOOSEOUT_21 (1716)
Ind22.stVal	ST	DDB_GOOSEOUT_22 (1717)
Ind22.q	ST	Function (Get_Common_Quality())
Ind22.t	ST	AUTO_TIME
Ind22.d	DC	DDB_GOOSEOUT_22 (1717)
Ind23.stVal	ST	DDB_GOOSEOUT_23 (1718)

Attribute	FC	Source
Ind23.q	ST	Function (Get_Common_Quality())
Ind23.t	ST	AUTO_TIME
Ind23.d	DC	DDB_GOOSEOUT_23 (1718)
Ind24.stVal	ST	DDB_GOOSEOUT_24 (1719)
Ind24.q	ST	Function (Get_Common_Quality())
Ind24.t	ST	AUTO_TIME
Ind24.d	DC	DDB_GOOSEOUT_24 (1719)
Ind25.stVal	ST	DDB_GOOSEOUT_25 (1720)
Ind25.q	ST	Function (Get_Common_Quality())
Ind25.t	ST	AUTO_TIME
Ind25.d	DC	DDB_GOOSEOUT_25 (1720)
Ind26.stVal	ST	DDB_GOOSEOUT_26 (1721)
Ind26.q	ST	Function (Get_Common_Quality())
Ind26.t	ST	AUTO_TIME
Ind26.d	DC	DDB_GOOSEOUT_26 (1721)
Ind27.stVal	ST	DDB_GOOSEOUT_27 (1722)
Ind27.q	ST	Function (Get_Common_Quality())
Ind27.t	ST	AUTO_TIME
Ind27.d	DC	DDB_GOOSEOUT_27 (1722)
Ind28.stVal	ST	DDB_GOOSEOUT_28 (1723)
Ind28.q	ST	Function (Get_Common_Quality())
Ind28.t	ST	AUTO_TIME
Ind28.d	DC	DDB_GOOSEOUT_28 (1723)
Ind29.stVal	ST	DDB_GOOSEOUT_29 (1724)
Ind29.q	ST	Function (Get_Common_Quality())
Ind29.t	ST	AUTO_TIME
Ind29.d	DC	DDB_GOOSEOUT_29 (1724)
Ind30.stVal	ST	DDB_GOOSEOUT_30 (1725)
Ind30.q	ST	Function (Get_Common_Quality())
Ind30.t	ST	AUTO_TIME
Ind30.d	DC	DDB_GOOSEOUT_30 (1725)
Ind31.stVal	ST	DDB_GOOSEOUT_31 (1726)
Ind31.q	ST	Function (Get_Common_Quality())
Ind31.t	ST	AUTO_TIME
Ind31.d	DC	DDB_GOOSEOUT_31 (1726)
Ind32.stVal	ST	DDB_GOOSEOUT_32 (1727)
Ind32.q	ST	Function (Get_Common_Quality())
Ind32.t	ST	AUTO_TIME
Ind32.d	DC	DDB_GOOSEOUT_32 (1727)
Ind33.stVal	ST	DDB_GOOSEOUT_33 (1728)
Ind33.q	ST	Function (Get_Common_Quality())
Ind33.t	ST	AUTO_TIME
Ind33.d	DC	DDB_GOOSEOUT_33 (1728)
Ind34.stVal	ST	DDB_GOOSEOUT_34 (1729)

Attribute	FC	Source
Ind34.q	ST	Function (Get_Common_Quality())
Ind34.t	ST	AUTO_TIME
Ind34.d	DC	DDB_GOOSEOUT_34 (1729)
Ind35.stVal	ST	DDB_GOOSEOUT_35 (1730)
Ind35.q	ST	Function (Get_Common_Quality())
Ind35.t	ST	AUTO_TIME
Ind35.d	DC	DDB_GOOSEOUT_35 (1730)
Ind36.stVal	ST	DDB_GOOSEOUT_36 (1731)
Ind36.q	ST	Function (Get_Common_Quality())
Ind36.t	ST	AUTO_TIME
Ind36.d	DC	DDB_GOOSEOUT_36 (1731)
Ind37.stVal	ST	DDB_GOOSEOUT_37 (1732)
Ind37.q	ST	Function (Get_Common_Quality())
Ind37.t	ST	AUTO_TIME
Ind37.d	DC	DDB_GOOSEOUT_37 (1732)
Ind38.stVal	ST	DDB_GOOSEOUT_38 (1733)
Ind38.q	ST	Function (Get_Common_Quality())
Ind38.t	ST	AUTO_TIME
Ind38.d	DC	DDB_GOOSEOUT_38 (1733)
Ind39.stVal	ST	DDB_GOOSEOUT_39 (1734)
Ind39.q	ST	Function (Get_Common_Quality())
Ind39.t	ST	AUTO_TIME
Ind39.d	DC	DDB_GOOSEOUT_39 (1734)
Ind40.stVal	ST	DDB_GOOSEOUT_40 (1735)
Ind40.q	ST	Function (Get_Common_Quality())
Ind40.t	ST	AUTO_TIME
Ind40.d	DC	DDB_GOOSEOUT_40 (1735)
Ind41.stVal	ST	DDB_GOOSEOUT_41 (1736)
Ind41.q	ST	Function (Get_Common_Quality())
Ind41.t	ST	AUTO_TIME
Ind41.d	DC	DDB_GOOSEOUT_41 (1736)
Ind42.stVal	ST	DDB_GOOSEOUT_42 (1737)
Ind42.q	ST	Function (Get_Common_Quality())
Ind42.t	ST	AUTO_TIME
Ind42.d	DC	DDB_GOOSEOUT_42 (1737)
Ind43.stVal	ST	DDB_GOOSEOUT_43 (1738)
Ind43.q	ST	Function (Get_Common_Quality())
Ind43.t	ST	AUTO_TIME
Ind43.d	DC	DDB_GOOSEOUT_43 (1738)
Ind44.stVal	ST	DDB_GOOSEOUT_44 (1739)
Ind44.q	ST	Function (Get_Common_Quality())
Ind44.t	ST	AUTO_TIME
Ind44.d	DC	DDB_GOOSEOUT_44 (1739)
Ind45.stVal	ST	DDB_GOOSEOUT_45 (1740)

Attribute	FC	Source
Ind45.q	ST	Function (Get_Common_Quality())
Ind45.t	ST	AUTO_TIME
Ind45.d	DC	DDB_GOOSEOUT_45 (1740)
Ind46.stVal	ST	DDB_GOOSEOUT_46 (1741)
Ind46.q	ST	Function (Get_Common_Quality())
Ind46.t	ST	AUTO_TIME
Ind46.d	DC	DDB_GOOSEOUT_46 (1741)
Ind47.stVal	ST	DDB_GOOSEOUT_47 (1742)
Ind47.q	ST	Function (Get_Common_Quality())
Ind47.t	ST	AUTO_TIME
Ind47.d	DC	DDB_GOOSEOUT_47 (1742)
Ind48.stVal	ST	DDB_GOOSEOUT_48 (1743)
Ind48.q	ST	Function (Get_Common_Quality())
Ind48.t	ST	AUTO_TIME
Ind48.d	DC	DDB_GOOSEOUT_48 (1743)
Ind49.stVal	ST	DDB_GOOSEOUT_49 (1744)
Ind49.q	ST	Function (Get_Common_Quality())
Ind49.t	ST	AUTO_TIME
Ind49.d	DC	DDB_GOOSEOUT_49 (1744)
Ind50.stVal	ST	DDB_GOOSEOUT_50 (1745)
Ind50.q	ST	Function (Get_Common_Quality())
Ind50.t	ST	AUTO_TIME
Ind50.d	DC	DDB_GOOSEOUT_50 (1745)
Ind51.stVal	ST	DDB_GOOSEOUT_51 (1746)
Ind51.q	ST	Function (Get_Common_Quality())
Ind51.t	ST	AUTO_TIME
Ind51.d	DC	DDB_GOOSEOUT_51 (1746)
Ind52.stVal	ST	DDB_GOOSEOUT_52 (1747)
Ind52.q	ST	Function (Get_Common_Quality())
Ind52.t	ST	AUTO_TIME
Ind52.d	DC	DDB_GOOSEOUT_52 (1747)
Ind53.stVal	ST	DDB_GOOSEOUT_53 (1748)
Ind53.q	ST	Function (Get_Common_Quality())
Ind53.t	ST	AUTO_TIME
Ind53.d	DC	DDB_GOOSEOUT_53 (1748)
Ind54.stVal	ST	DDB_GOOSEOUT_54 (1749)
Ind54.q	ST	Function (Get_Common_Quality())
Ind54.t	ST	AUTO_TIME
Ind54.d	DC	DDB_GOOSEOUT_54 (1749)
Ind55.stVal	ST	DDB_GOOSEOUT_55 (1750)
Ind55.q	ST	Function (Get_Common_Quality())
Ind55.t	ST	AUTO_TIME
Ind55.d	DC	DDB_GOOSEOUT_55 (1750)
Ind56.stVal	ST	DDB_GOOSEOUT_56 (1751)

Attribute	FC	Source
Ind56.q	ST	Function (Get_Common_Quality())
Ind56.t	ST	AUTO_TIME
Ind56.d	DC	DDB_GOOSEOUT_56 (1751)
Ind57.stVal	ST	DDB_GOOSEOUT_57 (1752)
Ind57.q	ST	Function (Get_Common_Quality())
Ind57.t	ST	AUTO_TIME
Ind57.d	DC	DDB_GOOSEOUT_57 (1752)
Ind58.stVal	ST	DDB_GOOSEOUT_58 (1753)
Ind58.q	ST	Function (Get_Common_Quality())
Ind58.t	ST	AUTO_TIME
Ind58.d	DC	DDB_GOOSEOUT_58 (1753)
Ind59.stVal	ST	DDB_GOOSEOUT_59 (1754)
Ind59.q	ST	Function (Get_Common_Quality())
Ind59.t	ST	AUTO_TIME
Ind59.d	DC	DDB_GOOSEOUT_59 (1754)
Ind60.stVal	ST	DDB_GOOSEOUT_60 (1755)
Ind60.q	ST	Function (Get_Common_Quality())
Ind60.t	ST	AUTO_TIME
Ind60.d	DC	DDB_GOOSEOUT_60 (1755)
Ind61.stVal	ST	DDB_GOOSEOUT_61 (1756)
Ind61.q	ST	Function (Get_Common_Quality())
Ind61.t	ST	AUTO_TIME
Ind61.d	DC	DDB_GOOSEOUT_61 (1756)
Ind62.stVal	ST	DDB_GOOSEOUT_62 (1757)
Ind62.q	ST	Function (Get_Common_Quality())
Ind62.t	ST	AUTO_TIME
Ind62.d	DC	DDB_GOOSEOUT_62 (1757)
Ind63.stVal	ST	DDB_GOOSEOUT_63 (1758)
Ind63.q	ST	Function (Get_Common_Quality())
Ind63.t	ST	AUTO_TIME
Ind63.d	DC	DDB_GOOSEOUT_63 (1758)
Ind64.stVal	ST	DDB_GOOSEOUT_64 (1759)
Ind64.q	ST	Function (Get_Common_Quality())
Ind64.t	ST	AUTO_TIME
Ind64.d	DC	DDB_GOOSEOUT_64 (1759)

6.6

Logical Node: GosGGIO3

Description: Analogue GOOSE Input Signals for edition 2.

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC

Attribute	FC	Source
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	FIXED_NUMERIC
InRef1.setSrcRef	SP	INREF_STRING
InRef1.setSrcCB	SP	INREF_STRING
AnIn1.mag.f	MX	AUTO_ANALOGUE_GOOSE
AnIn1.q	MX	Function (Get_Common_Quality())
AnIn1.t	MX	AUTO_TIME
AnIn1.units.SIUnit	CF	AUTO_VARIABLE_INT
AnIn1.units.multiplier	CF	AUTO_VARIABLE_INT
AnIn1.d	DC	FIXED_STRING
InRef2.setSrcRef	SP	INREF_STRING
InRef2.setSrcCB	SP	INREF_STRING
AnIn2.mag.f	MX	AUTO_ANALOGUE_GOOSE
AnIn2.q	MX	Function (Get_Common_Quality())
AnIn2.t	MX	AUTO_TIME
AnIn2.units.SIUnit	CF	AUTO_VARIABLE_INT
AnIn2.units.multiplier	CF	AUTO_VARIABLE_INT
AnIn2.d	DC	FIXED_STRING
InRef3.setSrcRef	SP	INREF_STRING
InRef3.setSrcCB	SP	INREF_STRING
AnIn3.mag.f	MX	AUTO_ANALOGUE_GOOSE
AnIn3.q	MX	Function (Get_Common_Quality())
AnIn3.t	MX	AUTO_TIME
AnIn3.units.SIUnit	CF	AUTO_VARIABLE_INT
AnIn3.units.multiplier	CF	AUTO_VARIABLE_INT
AnIn3.d	DC	FIXED_STRING
InRef4.setSrcRef	SP	INREF_STRING
InRef4.setSrcCB	SP	INREF_STRING
AnIn4.mag.f	MX	AUTO_ANALOGUE_GOOSE
AnIn4.q	MX	Function (Get_Common_Quality())
AnIn4.t	MX	AUTO_TIME
AnIn4.units.SIUnit	CF	AUTO_VARIABLE_INT
AnIn4.units.multiplier	CF	AUTO_VARIABLE_INT
AnIn4.d	DC	FIXED_STRING
InRef5.setSrcRef	SP	INREF_STRING
InRef5.setSrcCB	SP	INREF_STRING
AnIn5.mag.f	MX	AUTO_ANALOGUE_GOOSE
AnIn5.q	MX	Function (Get_Common_Quality())

Attribute	FC	Source
AnIn5.t	MX	AUTO_TIME
AnIn5.units.SIUnit	CF	AUTO_VARIABLE_INT
AnIn5.units.multiplier	CF	AUTO_VARIABLE_INT
AnIn5.d	DC	FIXED_STRING
InRef6.setSrcRef	SP	INREF_STRING
InRef6.setSrcCB	SP	INREF_STRING
AnIn6.mag.f	MX	AUTO_ANALOGUE_GOOSE
AnIn6.q	MX	Function (Get_Common_Quality())
AnIn6.t	MX	AUTO_TIME
AnIn6.units.SIUnit	CF	AUTO_VARIABLE_INT
AnIn6.units.multiplier	CF	AUTO_VARIABLE_INT
AnIn6.d	DC	FIXED_STRING
InRef7.setSrcRef	SP	INREF_STRING
InRef7.setSrcCB	SP	INREF_STRING
AnIn7.mag.f	MX	AUTO_ANALOGUE_GOOSE
AnIn7.q	MX	Function (Get_Common_Quality())
AnIn7.t	MX	AUTO_TIME
AnIn7.units.SIUnit	CF	AUTO_VARIABLE_INT
AnIn7.units.multiplier	CF	AUTO_VARIABLE_INT
AnIn7.d	DC	FIXED_STRING
InRef8.setSrcRef	SP	INREF_STRING
InRef8.setSrcCB	SP	INREF_STRING
AnIn8.mag.f	MX	AUTO_ANALOGUE_GOOSE
AnIn8.q	MX	Function (Get_Common_Quality())
AnIn8.t	MX	AUTO_TIME
AnIn8.units.SIUnit	CF	AUTO_VARIABLE_INT
AnIn8.units.multiplier	CF	AUTO_VARIABLE_INT
AnIn8.d	DC	FIXED_STRING

6.7

Logical Node: LedGGIO1**Description:** Red LED Signals

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME

Attribute	FC	Source
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Ind1.stVal	ST	DDB_OUTPUT_TRI_LED_1_RED (96)
Ind1.q	ST	Function (Get_Common_Quality())
Ind1.t	ST	AUTO_TIME
Ind1.d	DC	DDB_OUTPUT_TRI_LED_1_RED (96)
Ind2.stVal	ST	DDB_OUTPUT_TRI_LED_2_RED (98)
Ind2.q	ST	Function (Get_Common_Quality())
Ind2.t	ST	AUTO_TIME
Ind2.d	DC	DDB_OUTPUT_TRI_LED_2_RED (98)
Ind3.stVal	ST	DDB_OUTPUT_TRI_LED_3_RED (100)
Ind3.q	ST	Function (Get_Common_Quality())
Ind3.t	ST	AUTO_TIME
Ind3.d	DC	DDB_OUTPUT_TRI_LED_3_RED (100)
Ind4.stVal	ST	DDB_OUTPUT_TRI_LED_4_RED (102)
Ind4.q	ST	Function (Get_Common_Quality())
Ind4.t	ST	AUTO_TIME
Ind4.d	DC	DDB_OUTPUT_TRI_LED_4_RED (102)
Ind5.stVal	ST	DDB_OUTPUT_TRI_LED_5_RED (104)
Ind5.q	ST	Function (Get_Common_Quality())
Ind5.t	ST	AUTO_TIME
Ind5.d	DC	DDB_OUTPUT_TRI_LED_5_RED (104)
Ind6.stVal	ST	DDB_OUTPUT_TRI_LED_6_RED (106)
Ind6.q	ST	Function (Get_Common_Quality())
Ind6.t	ST	AUTO_TIME
Ind6.d	DC	DDB_OUTPUT_TRI_LED_6_RED (106)
Ind7.stVal	ST	DDB_OUTPUT_TRI_LED_7_RED (108)
Ind7.q	ST	Function (Get_Common_Quality())
Ind7.t	ST	AUTO_TIME
Ind7.d	DC	DDB_OUTPUT_TRI_LED_7_RED (108)
Ind8.stVal	ST	DDB_OUTPUT_TRI_LED_8_RED (110)
Ind8.q	ST	Function (Get_Common_Quality())
Ind8.t	ST	AUTO_TIME
Ind8.d	DC	DDB_OUTPUT_TRI_LED_8_RED (110)
Ind9.stVal	ST	DDB_OUTPUT_TRI_LED_9_RED (112)
Ind9.q	ST	Function (Get_Common_Quality())
Ind9.t	ST	AUTO_TIME
Ind9.d	DC	DDB_OUTPUT_TRI_LED_9_RED (112)
Ind10.stVal	ST	DDB_OUTPUT_TRI_LED_10_RED (114)
Ind10.q	ST	Function (Get_Common_Quality())
Ind10.t	ST	AUTO_TIME
Ind10.d	DC	DDB_OUTPUT_TRI_LED_10_RED (114)
Ind11.stVal	ST	DDB_OUTPUT_TRI_LED_11_RED (116)
Ind11.q	ST	Function (Get_Common_Quality())
Ind11.t	ST	AUTO_TIME

Attribute	FC	Source
Ind11.d	DC	DDB_OUTPUT_TRI_LED_11_RED (116)
Ind12.stVal	ST	DDB_OUTPUT_TRI_LED_12_RED (118)
Ind12.q	ST	Function (Get_Common_Quality())
Ind12.t	ST	AUTO_TIME
Ind12.d	DC	DDB_OUTPUT_TRI_LED_12_RED (118)
Ind13.stVal	ST	DDB_OUTPUT_TRI_LED_13_RED (120)
Ind13.q	ST	Function (Get_Common_Quality())
Ind13.t	ST	AUTO_TIME
Ind13.d	DC	DDB_OUTPUT_TRI_LED_13_RED (120)
Ind14.stVal	ST	DDB_OUTPUT_TRI_LED_14_RED (122)
Ind14.q	ST	Function (Get_Common_Quality())
Ind14.t	ST	AUTO_TIME
Ind14.d	DC	DDB_OUTPUT_TRI_LED_14_RED (122)
Ind15.stVal	ST	DDB_OUTPUT_TRI_LED_15_RED (124)
Ind15.q	ST	Function (Get_Common_Quality())
Ind15.t	ST	AUTO_TIME
Ind15.d	DC	DDB_OUTPUT_TRI_LED_15_RED (124)
Ind16.stVal	ST	DDB_OUTPUT_TRI_LED_16_RED (126)
Ind16.q	ST	Function (Get_Common_Quality())
Ind16.t	ST	AUTO_TIME
Ind16.d	DC	DDB_OUTPUT_TRI_LED_16_RED (126)
Ind17.stVal	ST	DDB_OUTPUT_TRI_LED_17_RED (128)
Ind17.q	ST	Function (Get_Common_Quality())
Ind17.t	ST	AUTO_TIME
Ind17.d	DC	DDB_OUTPUT_TRI_LED_17_RED (128)
Ind18.stVal	ST	DDB_OUTPUT_TRI_LED_18_RED (130)
Ind18.q	ST	Function (Get_Common_Quality())
Ind18.t	ST	AUTO_TIME
Ind18.d	DC	DDB_OUTPUT_TRI_LED_18_RED (130)

6.8

Logical Node: LedGGIO2

Description: Green LED Signals

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC

Attribute	FC	Source
Mod.t	ST	AUTO_TIME
Mod.ctIModel	CF	AUTO_CONTROL_MODEL
Ind1.stVal	ST	DDB_OUTPUT_TRI_LED_1_GRN (97)
Ind1.q	ST	Function (Get_Common_Quality())
Ind1.t	ST	AUTO_TIME
Ind1.d	DC	DDB_OUTPUT_TRI_LED_1_GRN (97)
Ind2.stVal	ST	DDB_OUTPUT_TRI_LED_2_GRN (99)
Ind2.q	ST	Function (Get_Common_Quality())
Ind2.t	ST	AUTO_TIME
Ind2.d	DC	DDB_OUTPUT_TRI_LED_2_GRN (99)
Ind3.stVal	ST	DDB_OUTPUT_TRI_LED_3_GRN (101)
Ind3.q	ST	Function (Get_Common_Quality())
Ind3.t	ST	AUTO_TIME
Ind3.d	DC	DDB_OUTPUT_TRI_LED_3_GRN (101)
Ind4.stVal	ST	DDB_OUTPUT_TRI_LED_4_GRN (103)
Ind4.q	ST	Function (Get_Common_Quality())
Ind4.t	ST	AUTO_TIME
Ind4.d	DC	DDB_OUTPUT_TRI_LED_4_GRN (103)
Ind5.stVal	ST	DDB_OUTPUT_TRI_LED_5_GRN (105)
Ind5.q	ST	Function (Get_Common_Quality())
Ind5.t	ST	AUTO_TIME
Ind5.d	DC	DDB_OUTPUT_TRI_LED_5_GRN (105)
Ind6.stVal	ST	DDB_OUTPUT_TRI_LED_6_GRN (107)
Ind6.q	ST	Function (Get_Common_Quality())
Ind6.t	ST	AUTO_TIME
Ind6.d	DC	DDB_OUTPUT_TRI_LED_6_GRN (107)
Ind7.stVal	ST	DDB_OUTPUT_TRI_LED_7_GRN (109)
Ind7.q	ST	Function (Get_Common_Quality())
Ind7.t	ST	AUTO_TIME
Ind7.d	DC	DDB_OUTPUT_TRI_LED_7_GRN (109)
Ind8.stVal	ST	DDB_OUTPUT_TRI_LED_8_GRN (111)
Ind8.q	ST	Function (Get_Common_Quality())
Ind8.t	ST	AUTO_TIME
Ind8.d	DC	DDB_OUTPUT_TRI_LED_8_GRN (111)
Ind9.stVal	ST	DDB_OUTPUT_TRI_LED_9_GRN (113)
Ind9.q	ST	Function (Get_Common_Quality())
Ind9.t	ST	AUTO_TIME
Ind9.d	DC	DDB_OUTPUT_TRI_LED_9_GRN (113)
Ind10.stVal	ST	DDB_OUTPUT_TRI_LED_10_GRN (115)
Ind10.q	ST	Function (Get_Common_Quality())
Ind10.t	ST	AUTO_TIME
Ind10.d	DC	DDB_OUTPUT_TRI_LED_10_GRN (115)
Ind11.stVal	ST	DDB_OUTPUT_TRI_LED_11_GRN (117)
Ind11.q	ST	Function (Get_Common_Quality())

Attribute	FC	Source
Ind11.t	ST	AUTO_TIME
Ind11.d	DC	DDB_OUTPUT_TRI_LED_11_GRN (117)
Ind12.stVal	ST	DDB_OUTPUT_TRI_LED_12_GRN (119)
Ind12.q	ST	Function (Get_Common_Quality())
Ind12.t	ST	AUTO_TIME
Ind12.d	DC	DDB_OUTPUT_TRI_LED_12_GRN (119)
Ind13.stVal	ST	DDB_OUTPUT_TRI_LED_13_GRN (121)
Ind13.q	ST	Function (Get_Common_Quality())
Ind13.t	ST	AUTO_TIME
Ind13.d	DC	DDB_OUTPUT_TRI_LED_13_GRN (121)
Ind14.stVal	ST	DDB_OUTPUT_TRI_LED_14_GRN (123)
Ind14.q	ST	Function (Get_Common_Quality())
Ind14.t	ST	AUTO_TIME
Ind14.d	DC	DDB_OUTPUT_TRI_LED_14_GRN (123)
Ind15.stVal	ST	DDB_OUTPUT_TRI_LED_15_GRN (125)
Ind15.q	ST	Function (Get_Common_Quality())
Ind15.t	ST	AUTO_TIME
Ind15.d	DC	DDB_OUTPUT_TRI_LED_15_GRN (125)
Ind16.stVal	ST	DDB_OUTPUT_TRI_LED_16_GRN (127)
Ind16.q	ST	Function (Get_Common_Quality())
Ind16.t	ST	AUTO_TIME
Ind16.d	DC	DDB_OUTPUT_TRI_LED_16_GRN (127)
Ind17.stVal	ST	DDB_OUTPUT_TRI_LED_17_GRN (129)
Ind17.q	ST	Function (Get_Common_Quality())
Ind17.t	ST	AUTO_TIME
Ind17.d	DC	DDB_OUTPUT_TRI_LED_17_GRN (129)
Ind18.stVal	ST	DDB_OUTPUT_TRI_LED_18_GRN (131)
Ind18.q	ST	Function (Get_Common_Quality())
Ind18.t	ST	AUTO_TIME
Ind18.d	DC	DDB_OUTPUT_TRI_LED_18_GRN (131)

6.9

Logical Node: LLN0

Description: Sys Logical Device

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
NamPlt.configRev	DC	FIXED_STRING
NamPlt.IdNs	EX	Namespace (IEC 61850-7-4:2007A)
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	Function (Get_PD_Health())
Health.q	ST	FIXED_NUMERIC

Attribute	FC	Source
Health.t	ST	AUTO_TIME
Mod.stVal	ST	Function (Get_PD_Mode())
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
LEDRs.origin.orCat	ST	AUTO_VARIABLE_INT
LEDRs.origin.orIdent	ST	AUTO_VARIABLE_STR
LEDRs.stVal	ST	[01 FF] - Reset Indication
LEDRs.q	ST	Function (Get_Common_Quality())
LEDRs.t	ST	AUTO_TIME
LEDRs.stSeld	ST	AUTO_VARIABLE_INT
LEDRs.ctlModel	CF	AUTO_CONTROL_MODEL
LEDRs.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
LEDRs.ctlVal	CO	[01 FF] - Reset Indication
LEDRs.d	DC	FIXED_STRING
OrdRun.stVal	ST	Function (mst_get_ordrun_state())
OrdRun.q	ST	Function (Get_Common_Quality())
OrdRun.t	ST	AUTO_TIME
OrdRun.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)
SyncSt.stVal	ST	Function (mst_get_time_sync_state())
SyncSt.q	ST	Function (Get_Common_Quality())
SyncSt.t	ST	AUTO_TIME
SyncSt.dataNs	EX	Namespace (SCHNEIDER-ELECTRIC-MiCOM:2013A)

6.10

Logical Node: LocLTIM1

Description: Time management

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	FIXED_NUMERIC
TmDT.stVal	ST	DDB_DST_STATUS (639)
TmDT.q	ST	Function (Get_Common_Quality())
TmDT.t	ST	AUTO_TIME
TmDT.d	DC	FIXED_STRING

Attribute	FC	Source
TmOfsTmm.setVal	SP	[08 21] - LocalTime Offset
TmOfsTmm.d	DC	[08 21] - LocalTime Offset
TmUseDT.setVal	SP	[08 22] - DST Enable
TmUseDT.d	DC	FIXED_STRING

6.11**Logical Node: LPHD1****Description:** Px40 physical device information in system

Attribute	FC	Source
PhyNam.vendor	DC	FIXED_STRING
PhyNam.hwRev	DC	Function (Get_PD_Hardware_Revision())
PhyNam.swRev	DC	[00 11] - Software Ref. 1
PhyNam.serNum	DC	[00 08] - Serial Number
PhyNam.model	DC	[00 06] - Model Number
PhyNam.location	DC	[00 05] - Plant Reference
PhyHealth.stVal	ST	Function (Get_PD_Health())
PhyHealth.q	ST	Function (Get_Common_Quality())
PhyHealth.t	ST	AUTO_TIME
Proxy.stVal	ST	FIXED_NUMERIC
Proxy.q	ST	Function (Get_Common_Quality())
Proxy.t	ST	AUTO_TIME
Proxy.d	DC	FIXED_STRING
PwrUp.stVal	ST	FIXED_NUMERIC
PwrUp.q	ST	Function (Get_Common_Quality())
PwrUp.t	ST	AUTO_TIME
PwrUp.d	DC	FIXED_STRING
Sim.origin.orCat	ST	AUTO_VARIABLE_INT
Sim.origin.orIdent	ST	AUTO_VARIABLE_STR
Sim.stVal	ST	[19 73] - Sub.Simul.GOOSE
Sim.q	ST	Function (Get_Common_Quality())
Sim.t	ST	AUTO_TIME
Sim.stSeld	ST	AUTO_VARIABLE_INT
Sim.ctlModel	CF	AUTO_CONTROL_MODEL
Sim.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
Sim.ctlVal	CO	[19 73] - Sub.Simul.GOOSE

6.12**Logical Node: OptGGIO1****Description:** Opto Inputs (32 Off)

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[0F 01] - Opto I/P Status
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC

Attribute	FC	Source
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctIModel	CF	AUTO_CONTROL_MODEL
Ind1.stVal	ST	DDB_OPTO_ISOLATOR_1 (32)
Ind1.q	ST	Function (Get_Common_Quality())
Ind1.t	ST	AUTO_TIME
Ind1.d	DC	[4A 01] - Opto Input 1
Ind2.stVal	ST	DDB_OPTO_ISOLATOR_2 (33)
Ind2.q	ST	Function (Get_Common_Quality())
Ind2.t	ST	AUTO_TIME
Ind2.d	DC	[4A 02] - Opto Input 2
Ind3.stVal	ST	DDB_OPTO_ISOLATOR_3 (34)
Ind3.q	ST	Function (Get_Common_Quality())
Ind3.t	ST	AUTO_TIME
Ind3.d	DC	[4A 03] - Opto Input 3
Ind4.stVal	ST	DDB_OPTO_ISOLATOR_4 (35)
Ind4.q	ST	Function (Get_Common_Quality())
Ind4.t	ST	AUTO_TIME
Ind4.d	DC	[4A 04] - Opto Input 4
Ind5.stVal	ST	DDB_OPTO_ISOLATOR_5 (36)
Ind5.q	ST	Function (Get_Common_Quality())
Ind5.t	ST	AUTO_TIME
Ind5.d	DC	[4A 05] - Opto Input 5
Ind6.stVal	ST	DDB_OPTO_ISOLATOR_6 (37)
Ind6.q	ST	Function (Get_Common_Quality())
Ind6.t	ST	AUTO_TIME
Ind6.d	DC	[4A 06] - Opto Input 6
Ind7.stVal	ST	DDB_OPTO_ISOLATOR_7 (38)
Ind7.q	ST	Function (Get_Common_Quality())
Ind7.t	ST	AUTO_TIME
Ind7.d	DC	[4A 07] - Opto Input 7
Ind8.stVal	ST	DDB_OPTO_ISOLATOR_8 (39)
Ind8.q	ST	Function (Get_Common_Quality())
Ind8.t	ST	AUTO_TIME
Ind8.d	DC	[4A 08] - Opto Input 8
Ind9.stVal	ST	DDB_OPTO_ISOLATOR_9 (40)
Ind9.q	ST	Function (Get_Common_Quality())
Ind9.t	ST	AUTO_TIME
Ind9.d	DC	[4A 09] - Opto Input 9
Ind10.stVal	ST	DDB_OPTO_ISOLATOR_10 (41)
Ind10.q	ST	Function (Get_Common_Quality())

Attribute	FC	Source
Ind10.t	ST	AUTO_TIME
Ind10.d	DC	[4A 0A] - Opto Input 10
Ind11.stVal	ST	DDB_OPTO_ISOLATOR_11 (42)
Ind11.q	ST	Function (Get_Common_Quality())
Ind11.t	ST	AUTO_TIME
Ind11.d	DC	[4A 0B] - Opto Input 11
Ind12.stVal	ST	DDB_OPTO_ISOLATOR_12 (43)
Ind12.q	ST	Function (Get_Common_Quality())
Ind12.t	ST	AUTO_TIME
Ind12.d	DC	[4A 0C] - Opto Input 12
Ind13.stVal	ST	DDB_OPTO_ISOLATOR_13 (44)
Ind13.q	ST	Function (Get_Common_Quality())
Ind13.t	ST	AUTO_TIME
Ind13.d	DC	[4A 0D] - Opto Input 13
Ind14.stVal	ST	DDB_OPTO_ISOLATOR_14 (45)
Ind14.q	ST	Function (Get_Common_Quality())
Ind14.t	ST	AUTO_TIME
Ind14.d	DC	[4A 0E] - Opto Input 14
Ind15.stVal	ST	DDB_OPTO_ISOLATOR_15 (46)
Ind15.q	ST	Function (Get_Common_Quality())
Ind15.t	ST	AUTO_TIME
Ind15.d	DC	[4A 0F] - Opto Input 15
Ind16.stVal	ST	DDB_OPTO_ISOLATOR_16 (47)
Ind16.q	ST	Function (Get_Common_Quality())
Ind16.t	ST	AUTO_TIME
Ind16.d	DC	[4A 10] - Opto Input 16
Ind17.stVal	ST	DDB_OPTO_ISOLATOR_17 (48)
Ind17.q	ST	Function (Get_Common_Quality())
Ind17.t	ST	AUTO_TIME
Ind17.d	DC	[4A 11] - Opto Input 17
Ind18.stVal	ST	DDB_OPTO_ISOLATOR_18 (49)
Ind18.q	ST	Function (Get_Common_Quality())
Ind18.t	ST	AUTO_TIME
Ind18.d	DC	[4A 12] - Opto Input 18
Ind19.stVal	ST	DDB_OPTO_ISOLATOR_19 (50)
Ind19.q	ST	Function (Get_Common_Quality())
Ind19.t	ST	AUTO_TIME
Ind19.d	DC	[4A 13] - Opto Input 19
Ind20.stVal	ST	DDB_OPTO_ISOLATOR_20 (51)
Ind20.q	ST	Function (Get_Common_Quality())
Ind20.t	ST	AUTO_TIME
Ind20.d	DC	[4A 14] - Opto Input 20
Ind21.stVal	ST	DDB_OPTO_ISOLATOR_21 (52)
Ind21.q	ST	Function (Get_Common_Quality())

Attribute	FC	Source
Ind21.t	ST	AUTO_TIME
Ind21.d	DC	[4A 15] - Opto Input 21
Ind22.stVal	ST	DDB_OPTO_ISOLATOR_22 (53)
Ind22.q	ST	Function (Get_Common_Quality())
Ind22.t	ST	AUTO_TIME
Ind22.d	DC	[4A 16] - Opto Input 22
Ind23.stVal	ST	DDB_OPTO_ISOLATOR_23 (54)
Ind23.q	ST	Function (Get_Common_Quality())
Ind23.t	ST	AUTO_TIME
Ind23.d	DC	[4A 17] - Opto Input 23
Ind24.stVal	ST	DDB_OPTO_ISOLATOR_24 (55)
Ind24.q	ST	Function (Get_Common_Quality())
Ind24.t	ST	AUTO_TIME
Ind24.d	DC	[4A 18] - Opto Input 24
Ind25.stVal	ST	DDB_OPTO_ISOLATOR_25 (56)
Ind25.q	ST	Function (Get_Common_Quality())
Ind25.t	ST	AUTO_TIME
Ind25.d	DC	[4A 19] - Opto Input 25
Ind26.stVal	ST	DDB_OPTO_ISOLATOR_26 (57)
Ind26.q	ST	Function (Get_Common_Quality())
Ind26.t	ST	AUTO_TIME
Ind26.d	DC	[4A 1A] - Opto Input 26
Ind27.stVal	ST	DDB_OPTO_ISOLATOR_27 (58)
Ind27.q	ST	Function (Get_Common_Quality())
Ind27.t	ST	AUTO_TIME
Ind27.d	DC	[4A 1B] - Opto Input 27
Ind28.stVal	ST	DDB_OPTO_ISOLATOR_28 (59)
Ind28.q	ST	Function (Get_Common_Quality())
Ind28.t	ST	AUTO_TIME
Ind28.d	DC	[4A 1C] - Opto Input 28
Ind29.stVal	ST	DDB_OPTO_ISOLATOR_29 (60)
Ind29.q	ST	Function (Get_Common_Quality())
Ind29.t	ST	AUTO_TIME
Ind29.d	DC	[4A 1D] - Opto Input 29
Ind30.stVal	ST	DDB_OPTO_ISOLATOR_30 (61)
Ind30.q	ST	Function (Get_Common_Quality())
Ind30.t	ST	AUTO_TIME
Ind30.d	DC	[4A 1E] - Opto Input 30
Ind31.stVal	ST	DDB_OPTO_ISOLATOR_31 (62)
Ind31.q	ST	Function (Get_Common_Quality())
Ind31.t	ST	AUTO_TIME
Ind31.d	DC	[4A 1F] - Opto Input 31
Ind32.stVal	ST	DDB_OPTO_ISOLATOR_32 (63)
Ind32.q	ST	Function (Get_Common_Quality())

Attribute	FC	Source
Ind32.t	ST	AUTO_TIME
Ind32.d	DC	[4A 20] - Opto Input 32

6.13

Logical Node: OrdRunGGIO1

Description: Uniqueness of control "Order Running" indications for control operations for edition 2

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
InRef1.setSrcRef	SP	INREF_STRING
InRef1.setSrcCB	SP	INREF_STRING
Ind1.stVal	ST	AUTO_CONTROL_ORDRUN
Ind1.q	ST	Function (Get_Common_Quality())
Ind1.t	ST	AUTO_TIME
Ind1.d	DC	FIXED_STRING
InRef2.setSrcRef	SP	INREF_STRING
InRef2.setSrcCB	SP	INREF_STRING
Ind2.stVal	ST	AUTO_CONTROL_ORDRUN
Ind2.q	ST	Function (Get_Common_Quality())
Ind2.t	ST	AUTO_TIME
Ind2.d	DC	FIXED_STRING
InRef3.setSrcRef	SP	INREF_STRING
InRef3.setSrcCB	SP	INREF_STRING
Ind3.stVal	ST	AUTO_CONTROL_ORDRUN
Ind3.q	ST	Function (Get_Common_Quality())
Ind3.t	ST	AUTO_TIME
Ind3.d	DC	FIXED_STRING
InRef4.setSrcRef	SP	INREF_STRING
InRef4.setSrcCB	SP	INREF_STRING
Ind4.stVal	ST	AUTO_CONTROL_ORDRUN
Ind4.q	ST	Function (Get_Common_Quality())
Ind4.t	ST	AUTO_TIME
Ind4.d	DC	FIXED_STRING
InRef5.setSrcRef	SP	INREF_STRING

Attribute	FC	Source
InRef5.setSrcCB	SP	INREF_STRING
Ind5.stVal	ST	AUTO_CONTROL_ORDRUN
Ind5.q	ST	Function (Get_Common_Quality())
Ind5.t	ST	AUTO_TIME
Ind5.d	DC	FIXED_STRING
InRef6.setSrcRef	SP	INREF_STRING
InRef6.setSrcCB	SP	INREF_STRING
Ind6.stVal	ST	AUTO_CONTROL_ORDRUN
Ind6.q	ST	Function (Get_Common_Quality())
Ind6.t	ST	AUTO_TIME
Ind6.d	DC	FIXED_STRING
InRef7.setSrcRef	SP	INREF_STRING
InRef7.setSrcCB	SP	INREF_STRING
Ind7.stVal	ST	AUTO_CONTROL_ORDRUN
Ind7.q	ST	Function (Get_Common_Quality())
Ind7.t	ST	AUTO_TIME
Ind7.d	DC	FIXED_STRING
InRef8.setSrcRef	SP	INREF_STRING
InRef8.setSrcCB	SP	INREF_STRING
Ind8.stVal	ST	AUTO_CONTROL_ORDRUN
Ind8.q	ST	Function (Get_Common_Quality())
Ind8.t	ST	AUTO_TIME
Ind8.d	DC	FIXED_STRING
InRef9.setSrcRef	SP	INREF_STRING
InRef9.setSrcCB	SP	INREF_STRING
Ind9.stVal	ST	AUTO_CONTROL_ORDRUN
Ind9.q	ST	Function (Get_Common_Quality())
Ind9.t	ST	AUTO_TIME
Ind9.d	DC	FIXED_STRING
InRef10.setSrcRef	SP	INREF_STRING
InRef10.setSrcCB	SP	INREF_STRING
Ind10.stVal	ST	AUTO_CONTROL_ORDRUN
Ind10.q	ST	Function (Get_Common_Quality())
Ind10.t	ST	AUTO_TIME
Ind10.d	DC	FIXED_STRING
InRef11.setSrcRef	SP	INREF_STRING
InRef11.setSrcCB	SP	INREF_STRING
Ind11.stVal	ST	AUTO_CONTROL_ORDRUN
Ind11.q	ST	Function (Get_Common_Quality())
Ind11.t	ST	AUTO_TIME
Ind11.d	DC	FIXED_STRING
InRef12.setSrcRef	SP	INREF_STRING
InRef12.setSrcCB	SP	INREF_STRING
Ind12.stVal	ST	AUTO_CONTROL_ORDRUN

Attribute	FC	Source
Ind12.q	ST	Function (Get_Common_Quality())
Ind12.t	ST	AUTO_TIME
Ind12.d	DC	FIXED_STRING
InRef13.setSrcRef	SP	INREF_STRING
InRef13.setSrcCB	SP	INREF_STRING
Ind13.stVal	ST	AUTO_CONTROL_ORDRUN
Ind13.q	ST	Function (Get_Common_Quality())
Ind13.t	ST	AUTO_TIME
Ind13.d	DC	FIXED_STRING
InRef14.setSrcRef	SP	INREF_STRING
InRef14.setSrcCB	SP	INREF_STRING
Ind14.stVal	ST	AUTO_CONTROL_ORDRUN
Ind14.q	ST	Function (Get_Common_Quality())
Ind14.t	ST	AUTO_TIME
Ind14.d	DC	FIXED_STRING
InRef15.setSrcRef	SP	INREF_STRING
InRef15.setSrcCB	SP	INREF_STRING
Ind15.stVal	ST	AUTO_CONTROL_ORDRUN
Ind15.q	ST	Function (Get_Common_Quality())
Ind15.t	ST	AUTO_TIME
Ind15.d	DC	FIXED_STRING
InRef16.setSrcRef	SP	INREF_STRING
InRef16.setSrcCB	SP	INREF_STRING
Ind16.stVal	ST	AUTO_CONTROL_ORDRUN
Ind16.q	ST	Function (Get_Common_Quality())
Ind16.t	ST	AUTO_TIME
Ind16.d	DC	FIXED_STRING
InRef17.setSrcRef	SP	INREF_STRING
InRef17.setSrcCB	SP	INREF_STRING
Ind17.stVal	ST	AUTO_CONTROL_ORDRUN
Ind17.q	ST	Function (Get_Common_Quality())
Ind17.t	ST	AUTO_TIME
Ind17.d	DC	FIXED_STRING
InRef18.setSrcRef	SP	INREF_STRING
InRef18.setSrcCB	SP	INREF_STRING
Ind18.stVal	ST	AUTO_CONTROL_ORDRUN
Ind18.q	ST	Function (Get_Common_Quality())
Ind18.t	ST	AUTO_TIME
Ind18.d	DC	FIXED_STRING
InRef19.setSrcRef	SP	INREF_STRING
InRef19.setSrcCB	SP	INREF_STRING
Ind19.stVal	ST	AUTO_CONTROL_ORDRUN
Ind19.q	ST	Function (Get_Common_Quality())
Ind19.t	ST	AUTO_TIME

Attribute	FC	Source
Ind19.d	DC	FIXED_STRING
InRef20.setSrcRef	SP	INREF_STRING
InRef20.setSrcCB	SP	INREF_STRING
Ind20.stVal	ST	AUTO_CONTROL_ORDRUN
Ind20.q	ST	Function (Get_Common_Quality())
Ind20.t	ST	AUTO_TIME
Ind20.d	DC	FIXED_STRING
InRef21.setSrcRef	SP	INREF_STRING
InRef21.setSrcCB	SP	INREF_STRING
Ind21.stVal	ST	AUTO_CONTROL_ORDRUN
Ind21.q	ST	Function (Get_Common_Quality())
Ind21.t	ST	AUTO_TIME
Ind21.d	DC	FIXED_STRING
InRef22.setSrcRef	SP	INREF_STRING
InRef22.setSrcCB	SP	INREF_STRING
Ind22.stVal	ST	AUTO_CONTROL_ORDRUN
Ind22.q	ST	Function (Get_Common_Quality())
Ind22.t	ST	AUTO_TIME
Ind22.d	DC	FIXED_STRING
InRef23.setSrcRef	SP	INREF_STRING
InRef23.setSrcCB	SP	INREF_STRING
Ind23.stVal	ST	AUTO_CONTROL_ORDRUN
Ind23.q	ST	Function (Get_Common_Quality())
Ind23.t	ST	AUTO_TIME
Ind23.d	DC	FIXED_STRING
InRef24.setSrcRef	SP	INREF_STRING
InRef24.setSrcCB	SP	INREF_STRING
Ind24.stVal	ST	AUTO_CONTROL_ORDRUN
Ind24.q	ST	Function (Get_Common_Quality())
Ind24.t	ST	AUTO_TIME
Ind24.d	DC	FIXED_STRING
InRef25.setSrcRef	SP	INREF_STRING
InRef25.setSrcCB	SP	INREF_STRING
Ind25.stVal	ST	AUTO_CONTROL_ORDRUN
Ind25.q	ST	Function (Get_Common_Quality())
Ind25.t	ST	AUTO_TIME
Ind25.d	DC	FIXED_STRING
InRef26.setSrcRef	SP	INREF_STRING
InRef26.setSrcCB	SP	INREF_STRING
Ind26.stVal	ST	AUTO_CONTROL_ORDRUN
Ind26.q	ST	Function (Get_Common_Quality())
Ind26.t	ST	AUTO_TIME
Ind26.d	DC	FIXED_STRING
InRef27.setSrcRef	SP	INREF_STRING

Attribute	FC	Source
InRef27.setSrcCB	SP	INREF_STRING
Ind27.stVal	ST	AUTO_CONTROL_ORDRUN
Ind27.q	ST	Function (Get_Common_Quality())
Ind27.t	ST	AUTO_TIME
Ind27.d	DC	FIXED_STRING
InRef28.setSrcRef	SP	INREF_STRING
InRef28.setSrcCB	SP	INREF_STRING
Ind28.stVal	ST	AUTO_CONTROL_ORDRUN
Ind28.q	ST	Function (Get_Common_Quality())
Ind28.t	ST	AUTO_TIME
Ind28.d	DC	FIXED_STRING
InRef29.setSrcRef	SP	INREF_STRING
InRef29.setSrcCB	SP	INREF_STRING
Ind29.stVal	ST	AUTO_CONTROL_ORDRUN
Ind29.q	ST	Function (Get_Common_Quality())
Ind29.t	ST	AUTO_TIME
Ind29.d	DC	FIXED_STRING
InRef30.setSrcRef	SP	INREF_STRING
InRef30.setSrcCB	SP	INREF_STRING
Ind30.stVal	ST	AUTO_CONTROL_ORDRUN
Ind30.q	ST	Function (Get_Common_Quality())
Ind30.t	ST	AUTO_TIME
Ind30.d	DC	FIXED_STRING
InRef31.setSrcRef	SP	INREF_STRING
InRef31.setSrcCB	SP	INREF_STRING
Ind31.stVal	ST	AUTO_CONTROL_ORDRUN
Ind31.q	ST	Function (Get_Common_Quality())
Ind31.t	ST	AUTO_TIME
Ind31.d	DC	FIXED_STRING
InRef32.setSrcRef	SP	INREF_STRING
InRef32.setSrcCB	SP	INREF_STRING
Ind32.stVal	ST	AUTO_CONTROL_ORDRUN
Ind32.q	ST	Function (Get_Common_Quality())
Ind32.t	ST	AUTO_TIME
Ind32.d	DC	FIXED_STRING
InRef33.setSrcRef	SP	INREF_STRING
InRef33.setSrcCB	SP	INREF_STRING
Ind33.stVal	ST	AUTO_CONTROL_ORDRUN
Ind33.q	ST	Function (Get_Common_Quality())
Ind33.t	ST	AUTO_TIME
Ind33.d	DC	FIXED_STRING
InRef34.setSrcRef	SP	INREF_STRING
InRef34.setSrcCB	SP	INREF_STRING
Ind34.stVal	ST	AUTO_CONTROL_ORDRUN

Attribute	FC	Source
Ind34.q	ST	Function (Get_Common_Quality())
Ind34.t	ST	AUTO_TIME
Ind34.d	DC	FIXED_STRING
InRef35.setSrcRef	SP	INREF_STRING
InRef35.setSrcCB	SP	INREF_STRING
Ind35.stVal	ST	AUTO_CONTROL_ORDRUN
Ind35.q	ST	Function (Get_Common_Quality())
Ind35.t	ST	AUTO_TIME
Ind35.d	DC	FIXED_STRING
InRef36.setSrcRef	SP	INREF_STRING
InRef36.setSrcCB	SP	INREF_STRING
Ind36.stVal	ST	AUTO_CONTROL_ORDRUN
Ind36.q	ST	Function (Get_Common_Quality())
Ind36.t	ST	AUTO_TIME
Ind36.d	DC	FIXED_STRING
InRef37.setSrcRef	SP	INREF_STRING
InRef37.setSrcCB	SP	INREF_STRING
Ind37.stVal	ST	AUTO_CONTROL_ORDRUN
Ind37.q	ST	Function (Get_Common_Quality())
Ind37.t	ST	AUTO_TIME
Ind37.d	DC	FIXED_STRING
InRef38.setSrcRef	SP	INREF_STRING
InRef38.setSrcCB	SP	INREF_STRING
Ind38.stVal	ST	AUTO_CONTROL_ORDRUN
Ind38.q	ST	Function (Get_Common_Quality())
Ind38.t	ST	AUTO_TIME
Ind38.d	DC	FIXED_STRING
InRef39.setSrcRef	SP	INREF_STRING
InRef39.setSrcCB	SP	INREF_STRING
Ind39.stVal	ST	AUTO_CONTROL_ORDRUN
Ind39.q	ST	Function (Get_Common_Quality())
Ind39.t	ST	AUTO_TIME
Ind39.d	DC	FIXED_STRING
InRef40.setSrcRef	SP	INREF_STRING
InRef40.setSrcCB	SP	INREF_STRING
Ind40.stVal	ST	AUTO_CONTROL_ORDRUN
Ind40.q	ST	Function (Get_Common_Quality())
Ind40.t	ST	AUTO_TIME
Ind40.d	DC	FIXED_STRING
InRef41.setSrcRef	SP	INREF_STRING
InRef41.setSrcCB	SP	INREF_STRING
Ind41.stVal	ST	AUTO_CONTROL_ORDRUN
Ind41.q	ST	Function (Get_Common_Quality())
Ind41.t	ST	AUTO_TIME

Attribute	FC	Source
Ind41.d	DC	FIXED_STRING
InRef42.setSrcRef	SP	INREF_STRING
InRef42.setSrcCB	SP	INREF_STRING
Ind42.stVal	ST	AUTO_CONTROL_ORDRUN
Ind42.q	ST	Function (Get_Common_Quality())
Ind42.t	ST	AUTO_TIME
Ind42.d	DC	FIXED_STRING
InRef43.setSrcRef	SP	INREF_STRING
InRef43.setSrcCB	SP	INREF_STRING
Ind43.stVal	ST	AUTO_CONTROL_ORDRUN
Ind43.q	ST	Function (Get_Common_Quality())
Ind43.t	ST	AUTO_TIME
Ind43.d	DC	FIXED_STRING
InRef44.setSrcRef	SP	INREF_STRING
InRef44.setSrcCB	SP	INREF_STRING
Ind44.stVal	ST	AUTO_CONTROL_ORDRUN
Ind44.q	ST	Function (Get_Common_Quality())
Ind44.t	ST	AUTO_TIME
Ind44.d	DC	FIXED_STRING
InRef45.setSrcRef	SP	INREF_STRING
InRef45.setSrcCB	SP	INREF_STRING
Ind45.stVal	ST	AUTO_CONTROL_ORDRUN
Ind45.q	ST	Function (Get_Common_Quality())
Ind45.t	ST	AUTO_TIME
Ind45.d	DC	FIXED_STRING
InRef46.setSrcRef	SP	INREF_STRING
InRef46.setSrcCB	SP	INREF_STRING
Ind46.stVal	ST	AUTO_CONTROL_ORDRUN
Ind46.q	ST	Function (Get_Common_Quality())
Ind46.t	ST	AUTO_TIME
Ind46.d	DC	FIXED_STRING
InRef47.setSrcRef	SP	INREF_STRING
InRef47.setSrcCB	SP	INREF_STRING
Ind47.stVal	ST	AUTO_CONTROL_ORDRUN
Ind47.q	ST	Function (Get_Common_Quality())
Ind47.t	ST	AUTO_TIME
Ind47.d	DC	FIXED_STRING
InRef48.setSrcRef	SP	INREF_STRING
InRef48.setSrcCB	SP	INREF_STRING
Ind48.stVal	ST	AUTO_CONTROL_ORDRUN
Ind48.q	ST	Function (Get_Common_Quality())
Ind48.t	ST	AUTO_TIME
Ind48.d	DC	FIXED_STRING
InRef49.setSrcRef	SP	INREF_STRING

Attribute	FC	Source
InRef49.setSrcCB	SP	INREF_STRING
Ind49.stVal	ST	AUTO_CONTROL_ORDRUN
Ind49.q	ST	Function (Get_Common_Quality())
Ind49.t	ST	AUTO_TIME
Ind49.d	DC	FIXED_STRING
InRef50.setSrcRef	SP	INREF_STRING
InRef50.setSrcCB	SP	INREF_STRING
Ind50.stVal	ST	AUTO_CONTROL_ORDRUN
Ind50.q	ST	Function (Get_Common_Quality())
Ind50.t	ST	AUTO_TIME
Ind50.d	DC	FIXED_STRING
InRef51.setSrcRef	SP	INREF_STRING
InRef51.setSrcCB	SP	INREF_STRING
Ind51.stVal	ST	AUTO_CONTROL_ORDRUN
Ind51.q	ST	Function (Get_Common_Quality())
Ind51.t	ST	AUTO_TIME
Ind51.d	DC	FIXED_STRING
InRef52.setSrcRef	SP	INREF_STRING
InRef52.setSrcCB	SP	INREF_STRING
Ind52.stVal	ST	AUTO_CONTROL_ORDRUN
Ind52.q	ST	Function (Get_Common_Quality())
Ind52.t	ST	AUTO_TIME
Ind52.d	DC	FIXED_STRING
InRef53.setSrcRef	SP	INREF_STRING
InRef53.setSrcCB	SP	INREF_STRING
Ind53.stVal	ST	AUTO_CONTROL_ORDRUN
Ind53.q	ST	Function (Get_Common_Quality())
Ind53.t	ST	AUTO_TIME
Ind53.d	DC	FIXED_STRING
InRef54.setSrcRef	SP	INREF_STRING
InRef54.setSrcCB	SP	INREF_STRING
Ind54.stVal	ST	AUTO_CONTROL_ORDRUN
Ind54.q	ST	Function (Get_Common_Quality())
Ind54.t	ST	AUTO_TIME
Ind54.d	DC	FIXED_STRING
InRef55.setSrcRef	SP	INREF_STRING
InRef55.setSrcCB	SP	INREF_STRING
Ind55.stVal	ST	AUTO_CONTROL_ORDRUN
Ind55.q	ST	Function (Get_Common_Quality())
Ind55.t	ST	AUTO_TIME
Ind55.d	DC	FIXED_STRING
InRef56.setSrcRef	SP	INREF_STRING
InRef56.setSrcCB	SP	INREF_STRING
Ind56.stVal	ST	AUTO_CONTROL_ORDRUN

Attribute	FC	Source
Ind56.q	ST	Function (Get_Common_Quality())
Ind56.t	ST	AUTO_TIME
Ind56.d	DC	FIXED_STRING
InRef57.setSrcRef	SP	INREF_STRING
InRef57.setSrcCB	SP	INREF_STRING
Ind57.stVal	ST	AUTO_CONTROL_ORDRUN
Ind57.q	ST	Function (Get_Common_Quality())
Ind57.t	ST	AUTO_TIME
Ind57.d	DC	FIXED_STRING
InRef58.setSrcRef	SP	INREF_STRING
InRef58.setSrcCB	SP	INREF_STRING
Ind58.stVal	ST	AUTO_CONTROL_ORDRUN
Ind58.q	ST	Function (Get_Common_Quality())
Ind58.t	ST	AUTO_TIME
Ind58.d	DC	FIXED_STRING
InRef59.setSrcRef	SP	INREF_STRING
InRef59.setSrcCB	SP	INREF_STRING
Ind59.stVal	ST	AUTO_CONTROL_ORDRUN
Ind59.q	ST	Function (Get_Common_Quality())
Ind59.t	ST	AUTO_TIME
Ind59.d	DC	FIXED_STRING
InRef60.setSrcRef	SP	INREF_STRING
InRef60.setSrcCB	SP	INREF_STRING
Ind60.stVal	ST	AUTO_CONTROL_ORDRUN
Ind60.q	ST	Function (Get_Common_Quality())
Ind60.t	ST	AUTO_TIME
Ind60.d	DC	FIXED_STRING
InRef61.setSrcRef	SP	INREF_STRING
InRef61.setSrcCB	SP	INREF_STRING
Ind61.stVal	ST	AUTO_CONTROL_ORDRUN
Ind61.q	ST	Function (Get_Common_Quality())
Ind61.t	ST	AUTO_TIME
Ind61.d	DC	FIXED_STRING
InRef62.setSrcRef	SP	INREF_STRING
InRef62.setSrcCB	SP	INREF_STRING
Ind62.stVal	ST	AUTO_CONTROL_ORDRUN
Ind62.q	ST	Function (Get_Common_Quality())
Ind62.t	ST	AUTO_TIME
Ind62.d	DC	FIXED_STRING
InRef63.setSrcRef	SP	INREF_STRING
InRef63.setSrcCB	SP	INREF_STRING
Ind63.stVal	ST	AUTO_CONTROL_ORDRUN
Ind63.q	ST	Function (Get_Common_Quality())
Ind63.t	ST	AUTO_TIME

Attribute	FC	Source
Ind63.d	DC	FIXED_STRING
InRef64.setSrcRef	SP	INREF_STRING
InRef64.setSrcCB	SP	INREF_STRING
Ind64.stVal	ST	AUTO_CONTROL_ORDRUN
Ind64.q	ST	Function (Get_Common_Quality())
Ind64.t	ST	AUTO_TIME
Ind64.d	DC	FIXED_STRING

6.14**Logical Node: PloGGIO1****Description:** Controllable Inputs

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[12 01] - Ctrl I/P Status
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO1.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO1.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO1.stVal	ST	DDB_CONTROL_1 (1376)
SPCSO1.q	ST	Function (Get_Common_Quality())
SPCSO1.t	ST	AUTO_TIME
SPCSO1.stSeld	ST	AUTO_VARIABLE_INT
SPCSO1.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO1.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO1.ctlVal	CO	[12 02] - Control Input 1
SPCSO1.d	DC	[12 02] - Control Input 1
SPCSO2.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO2.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO2.stVal	ST	DDB_CONTROL_2 (1377)
SPCSO2.q	ST	Function (Get_Common_Quality())
SPCSO2.t	ST	AUTO_TIME
SPCSO2.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO2.stSeld	ST	AUTO_VARIABLE_INT
SPCSO2.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO2.ctlVal	CO	[12 03] - Control Input 2
SPCSO2.d	DC	[12 03] - Control Input 2

Attribute	FC	Source
SPCSO3.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO3.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO3.stVal	ST	DDB_CONTROL_3 (1378)
SPCSO3.q	ST	Function (Get_Common_Quality())
SPCSO3.t	ST	AUTO_TIME
SPCSO3.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO3.stSeld	ST	AUTO_VARIABLE_INT
SPCSO3.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO3.ctlVal	CO	[12 04] - Control Input 3
SPCSO3.d	DC	[12 04] - Control Input 3
SPCSO4.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO4.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO4.stVal	ST	DDB_CONTROL_4 (1379)
SPCSO4.q	ST	Function (Get_Common_Quality())
SPCSO4.t	ST	AUTO_TIME
SPCSO4.stSeld	ST	AUTO_VARIABLE_INT
SPCSO4.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO4.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO4.ctlVal	CO	[12 05] - Control Input 4
SPCSO4.d	DC	[12 05] - Control Input 4
SPCSO5.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO5.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO5.stVal	ST	DDB_CONTROL_5 (1380)
SPCSO5.q	ST	Function (Get_Common_Quality())
SPCSO5.t	ST	AUTO_TIME
SPCSO5.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO5.stSeld	ST	AUTO_VARIABLE_INT
SPCSO5.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO5.ctlVal	CO	[12 06] - Control Input 5
SPCSO5.d	DC	[12 06] - Control Input 5
SPCSO6.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO6.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO6.stVal	ST	DDB_CONTROL_6 (1381)
SPCSO6.q	ST	Function (Get_Common_Quality())
SPCSO6.t	ST	AUTO_TIME
SPCSO6.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO6.stSeld	ST	AUTO_VARIABLE_INT
SPCSO6.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO6.ctlVal	CO	[12 07] - Control Input 6
SPCSO6.d	DC	[12 07] - Control Input 6
SPCSO7.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO7.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO7.stVal	ST	DDB_CONTROL_7 (1382)
SPCSO7.q	ST	Function (Get_Common_Quality())

Attribute	FC	Source
SPCSO7.t	ST	AUTO_TIME
SPCSO7.stSeld	ST	AUTO_VARIABLE_INT
SPCSO7.ctIModel	CF	AUTO_CONTROL_MODEL
SPCSO7.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO7.ctIVal	CO	[12 08] - Control Input 7
SPCSO7.d	DC	[12 08] - Control Input 7
SPCSO8.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO8.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO8.stVal	ST	DDB_CONTROL_8 (1383)
SPCSO8.q	ST	Function (Get_Common_Quality())
SPCSO8.t	ST	AUTO_TIME
SPCSO8.ctIModel	CF	AUTO_CONTROL_MODEL
SPCSO8.stSeld	ST	AUTO_VARIABLE_INT
SPCSO8.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO8.ctIVal	CO	[12 09] - Control Input 8
SPCSO8.d	DC	[12 09] - Control Input 8
SPCSO9.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO9.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO9.stVal	ST	DDB_CONTROL_9 (1384)
SPCSO9.q	ST	Function (Get_Common_Quality())
SPCSO9.t	ST	AUTO_TIME
SPCSO9.ctIModel	CF	AUTO_CONTROL_MODEL
SPCSO9.stSeld	ST	AUTO_VARIABLE_INT
SPCSO9.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO9.ctIVal	CO	[12 0A] - Control Input 9
SPCSO9.d	DC	[12 0A] - Control Input 9
SPCSO10.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO10.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO10.stVal	ST	DDB_CONTROL_10 (1385)
SPCSO10.q	ST	Function (Get_Common_Quality())
SPCSO10.t	ST	AUTO_TIME
SPCSO10.stSeld	ST	AUTO_VARIABLE_INT
SPCSO10.ctIModel	CF	AUTO_CONTROL_MODEL
SPCSO10.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO10.ctIVal	CO	[12 0B] - Control Input 10
SPCSO10.d	DC	[12 0B] - Control Input 10
SPCSO11.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO11.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO11.stVal	ST	DDB_CONTROL_11 (1386)
SPCSO11.q	ST	Function (Get_Common_Quality())
SPCSO11.t	ST	AUTO_TIME
SPCSO11.ctIModel	CF	AUTO_CONTROL_MODEL
SPCSO11.stSeld	ST	AUTO_VARIABLE_INT
SPCSO11.sboTimeout	CF	AUTO_CONTROL_TIMEOUT

Attribute	FC	Source
SPCSO11.ctlVal	CO	[12 0C] - Control Input 11
SPCSO11.d	DC	[12 0C] - Control Input 11
SPCSO12.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO12.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO12.stVal	ST	DDB_CONTROL_12 (1387)
SPCSO12.q	ST	Function (Get_Common_Quality())
SPCSO12.t	ST	AUTO_TIME
SPCSO12.stSeld	ST	AUTO_VARIABLE_INT
SPCSO12.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO12.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO12.ctlVal	CO	[12 0D] - Control Input 12
SPCSO12.d	DC	[12 0D] - Control Input 12
SPCSO13.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO13.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO13.stVal	ST	DDB_CONTROL_13 (1388)
SPCSO13.q	ST	Function (Get_Common_Quality())
SPCSO13.t	ST	AUTO_TIME
SPCSO13.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO13.stSeld	ST	AUTO_VARIABLE_INT
SPCSO13.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO13.ctlVal	CO	[12 0E] - Control Input 13
SPCSO13.d	DC	[12 0E] - Control Input 13
SPCSO14.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO14.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO14.stVal	ST	DDB_CONTROL_14 (1389)
SPCSO14.q	ST	Function (Get_Common_Quality())
SPCSO14.t	ST	AUTO_TIME
SPCSO14.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO14.stSeld	ST	AUTO_VARIABLE_INT
SPCSO14.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO14.ctlVal	CO	[12 0F] - Control Input 14
SPCSO14.d	DC	[12 0F] - Control Input 14
SPCSO15.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO15.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO15.stVal	ST	DDB_CONTROL_15 (1390)
SPCSO15.q	ST	Function (Get_Common_Quality())
SPCSO15.t	ST	AUTO_TIME
SPCSO15.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO15.stSeld	ST	AUTO_VARIABLE_INT
SPCSO15.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO15.ctlVal	CO	[12 10] - Control Input 15
SPCSO15.d	DC	[12 10] - Control Input 15
SPCSO16.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO16.origin.orIdent	ST	AUTO_VARIABLE_STR

Attribute	FC	Source
SPCSO16.stVal	ST	DDB_CONTROL_16 (1391)
SPCSO16.q	ST	Function (Get_Common_Quality())
SPCSO16.t	ST	AUTO_TIME
SPCSO16.stSeld	ST	AUTO_VARIABLE_INT
SPCSO16.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO16.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO16.ctlVal	CO	[12 11] - Control Input 16
SPCSO16.d	DC	[12 11] - Control Input 16
SPCSO17.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO17.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO17.stVal	ST	DDB_CONTROL_17 (1392)
SPCSO17.q	ST	Function (Get_Common_Quality())
SPCSO17.t	ST	AUTO_TIME
SPCSO17.stSeld	ST	AUTO_VARIABLE_INT
SPCSO17.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO17.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO17.ctlVal	CO	[12 12] - Control Input 17
SPCSO17.d	DC	[12 12] - Control Input 17
SPCSO18.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO18.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO18.stVal	ST	DDB_CONTROL_18 (1393)
SPCSO18.q	ST	Function (Get_Common_Quality())
SPCSO18.t	ST	AUTO_TIME
SPCSO18.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO18.stSeld	ST	AUTO_VARIABLE_INT
SPCSO18.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO18.ctlVal	CO	[12 13] - Control Input 18
SPCSO18.d	DC	[12 13] - Control Input 18
SPCSO19.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO19.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO19.stVal	ST	DDB_CONTROL_19 (1394)
SPCSO19.q	ST	Function (Get_Common_Quality())
SPCSO19.t	ST	AUTO_TIME
SPCSO19.stSeld	ST	AUTO_VARIABLE_INT
SPCSO19.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO19.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO19.ctlVal	CO	[12 14] - Control Input 19
SPCSO19.d	DC	[12 14] - Control Input 19
SPCSO20.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO20.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO20.stVal	ST	DDB_CONTROL_20 (1395)
SPCSO20.q	ST	Function (Get_Common_Quality())
SPCSO20.t	ST	AUTO_TIME
SPCSO20.ctlModel	CF	AUTO_CONTROL_MODEL

Attribute	FC	Source
SPCSO20.stSeld	ST	AUTO_VARIABLE_INT
SPCSO20.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO20.ctlVal	CO	[12 15] - Control Input 20
SPCSO20.d	DC	[12 15] - Control Input 20
SPCSO21.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO21.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO21.stVal	ST	DDB_CONTROL_21 (1396)
SPCSO21.q	ST	Function (Get_Common_Quality())
SPCSO21.t	ST	AUTO_TIME
SPCSO21.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO21.stSeld	ST	AUTO_VARIABLE_INT
SPCSO21.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO21.ctlVal	CO	[12 16] - Control Input 21
SPCSO21.d	DC	[12 16] - Control Input 21
SPCSO22.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO22.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO22.stVal	ST	DDB_CONTROL_22 (1397)
SPCSO22.q	ST	Function (Get_Common_Quality())
SPCSO22.t	ST	AUTO_TIME
SPCSO22.stSeld	ST	AUTO_VARIABLE_INT
SPCSO22.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO22.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO22.ctlVal	CO	[12 17] - Control Input 22
SPCSO22.d	DC	[12 17] - Control Input 22
SPCSO23.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO23.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO23.stVal	ST	DDB_CONTROL_23 (1398)
SPCSO23.q	ST	Function (Get_Common_Quality())
SPCSO23.t	ST	AUTO_TIME
SPCSO23.stSeld	ST	AUTO_VARIABLE_INT
SPCSO23.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO23.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO23.ctlVal	CO	[12 18] - Control Input 23
SPCSO23.d	DC	[12 18] - Control Input 23
SPCSO24.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO24.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO24.stVal	ST	DDB_CONTROL_24 (1399)
SPCSO24.q	ST	Function (Get_Common_Quality())
SPCSO24.t	ST	AUTO_TIME
SPCSO24.stSeld	ST	AUTO_VARIABLE_INT
SPCSO24.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO24.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO24.ctlVal	CO	[12 19] - Control Input 24
SPCSO24.d	DC	[12 19] - Control Input 24

Attribute	FC	Source
SPCSO25.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO25.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO25.stVal	ST	DDB_CONTROL_25 (1400)
SPCSO25.q	ST	Function (Get_Common_Quality())
SPCSO25.t	ST	AUTO_TIME
SPCSO25.ctIModel	CF	AUTO_CONTROL_MODEL
SPCSO25.stSeld	ST	AUTO_VARIABLE_INT
SPCSO25.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO25.ctIVal	CO	[12 1A] - Control Input 25
SPCSO25.d	DC	[12 1A] - Control Input 25
SPCSO26.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO26.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO26.stVal	ST	DDB_CONTROL_26 (1401)
SPCSO26.q	ST	Function (Get_Common_Quality())
SPCSO26.t	ST	AUTO_TIME
SPCSO26.stSeld	ST	AUTO_VARIABLE_INT
SPCSO26.ctIModel	CF	AUTO_CONTROL_MODEL
SPCSO26.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO26.ctIVal	CO	[12 1B] - Control Input 26
SPCSO26.d	DC	[12 1B] - Control Input 26
SPCSO27.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO27.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO27.stVal	ST	DDB_CONTROL_27 (1402)
SPCSO27.q	ST	Function (Get_Common_Quality())
SPCSO27.t	ST	AUTO_TIME
SPCSO27.stSeld	ST	AUTO_VARIABLE_INT
SPCSO27.ctIModel	CF	AUTO_CONTROL_MODEL
SPCSO27.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO27.ctIVal	CO	[12 1C] - Control Input 27
SPCSO27.d	DC	[12 1C] - Control Input 27
SPCSO28.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO28.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO28.stVal	ST	DDB_CONTROL_28 (1403)
SPCSO28.q	ST	Function (Get_Common_Quality())
SPCSO28.t	ST	AUTO_TIME
SPCSO28.ctIModel	CF	AUTO_CONTROL_MODEL
SPCSO28.stSeld	ST	AUTO_VARIABLE_INT
SPCSO28.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO28.ctIVal	CO	[12 1D] - Control Input 28
SPCSO28.d	DC	[12 1D] - Control Input 28
SPCSO29.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO29.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO29.stVal	ST	DDB_CONTROL_29 (1404)
SPCSO29.q	ST	Function (Get_Common_Quality())

Attribute	FC	Source
SPCSO29.t	ST	AUTO_TIME
SPCSO29.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO29.stSeld	ST	AUTO_VARIABLE_INT
SPCSO29.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO29.ctlVal	CO	[12 1E] - Control Input 29
SPCSO29.d	DC	[12 1E] - Control Input 29
SPCSO30.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO30.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO30.stVal	ST	DDB_CONTROL_30 (1405)
SPCSO30.q	ST	Function (Get_Common_Quality())
SPCSO30.t	ST	AUTO_TIME
SPCSO30.stSeld	ST	AUTO_VARIABLE_INT
SPCSO30.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO30.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO30.ctlVal	CO	[12 1F] - Control Input 30
SPCSO30.d	DC	[12 1F] - Control Input 30
SPCSO31.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO31.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO31.stVal	ST	DDB_CONTROL_31 (1406)
SPCSO31.q	ST	Function (Get_Common_Quality())
SPCSO31.t	ST	AUTO_TIME
SPCSO31.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO31.stSeld	ST	AUTO_VARIABLE_INT
SPCSO31.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO31.ctlVal	CO	[12 20] - Control Input 31
SPCSO31.d	DC	[12 20] - Control Input 31
SPCSO32.origin.orCat	ST	AUTO_VARIABLE_INT
SPCSO32.origin.orIdent	ST	AUTO_VARIABLE_STR
SPCSO32.stVal	ST	DDB_CONTROL_32 (1407)
SPCSO32.q	ST	Function (Get_Common_Quality())
SPCSO32.t	ST	AUTO_TIME
SPCSO32.ctlModel	CF	AUTO_CONTROL_MODEL
SPCSO32.stSeld	ST	AUTO_VARIABLE_INT
SPCSO32.sboTimeout	CF	AUTO_CONTROL_TIMEOUT
SPCSO32.ctlVal	CO	[12 21] - Control Input 32
SPCSO32.d	DC	[12 21] - Control Input 32

6.15

Logical Node: RlyGGIO1

Description: Output Contacts (32 off)

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[0F 02] - Relay O/P Status
Beh.stVal	ST	[0F 0D] - Test Mode

Attribute	FC	Source
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	[0F 0D] - Test Mode
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	AUTO_CONTROL_MODEL
Ind1.stVal	ST	DDB_OUTPUT_RELAY_1 (0)
Ind1.q	ST	Function (Get_Relay_Quality())
Ind1.t	ST	AUTO_TIME
Ind1.d	DC	[4B 01] - Relay 1
Ind2.stVal	ST	DDB_OUTPUT_RELAY_2 (1)
Ind2.q	ST	Function (Get_Relay_Quality())
Ind2.t	ST	AUTO_TIME
Ind2.d	DC	[4B 02] - Relay 2
Ind3.stVal	ST	DDB_OUTPUT_RELAY_3 (2)
Ind3.q	ST	Function (Get_Relay_Quality())
Ind3.t	ST	AUTO_TIME
Ind3.d	DC	[4B 03] - Relay 3
Ind4.stVal	ST	DDB_OUTPUT_RELAY_4 (3)
Ind4.q	ST	Function (Get_Relay_Quality())
Ind4.t	ST	AUTO_TIME
Ind4.d	DC	[4B 04] - Relay 4
Ind5.stVal	ST	DDB_OUTPUT_RELAY_5 (4)
Ind5.q	ST	Function (Get_Relay_Quality())
Ind5.t	ST	AUTO_TIME
Ind5.d	DC	[4B 05] - Relay 5
Ind6.stVal	ST	DDB_OUTPUT_RELAY_6 (5)
Ind6.q	ST	Function (Get_Relay_Quality())
Ind6.t	ST	AUTO_TIME
Ind6.d	DC	[4B 06] - Relay 6
Ind7.stVal	ST	DDB_OUTPUT_RELAY_7 (6)
Ind7.q	ST	Function (Get_Relay_Quality())
Ind7.t	ST	AUTO_TIME
Ind7.d	DC	[4B 07] - Relay 7
Ind8.stVal	ST	DDB_OUTPUT_RELAY_8 (7)
Ind8.q	ST	Function (Get_Relay_Quality())
Ind8.t	ST	AUTO_TIME
Ind8.d	DC	[4B 08] - Relay 8
Ind9.stVal	ST	DDB_OUTPUT_RELAY_9 (8)
Ind9.q	ST	Function (Get_Relay_Quality())
Ind9.t	ST	AUTO_TIME

Attribute	FC	Source
Ind9.d	DC	[4B 09] - Relay 9
Ind10.stVal	ST	DDB_OUTPUT_RELAY_10 (9)
Ind10.q	ST	Function (Get_Relay_Quality())
Ind10.t	ST	AUTO_TIME
Ind10.d	DC	[4B 0A] - Relay 10
Ind11.stVal	ST	DDB_OUTPUT_RELAY_11 (10)
Ind11.q	ST	Function (Get_Relay_Quality())
Ind11.t	ST	AUTO_TIME
Ind11.d	DC	[4B 0B] - Relay 11
Ind12.stVal	ST	DDB_OUTPUT_RELAY_12 (11)
Ind12.q	ST	Function (Get_Relay_Quality())
Ind12.t	ST	AUTO_TIME
Ind12.d	DC	[4B 0C] - Relay 12
Ind13.stVal	ST	DDB_OUTPUT_RELAY_13 (12)
Ind13.q	ST	Function (Get_Relay_Quality())
Ind13.t	ST	AUTO_TIME
Ind13.d	DC	[4B 0D] - Relay 13
Ind14.stVal	ST	DDB_OUTPUT_RELAY_14 (13)
Ind14.q	ST	Function (Get_Relay_Quality())
Ind14.t	ST	AUTO_TIME
Ind14.d	DC	[4B 0E] - Relay 14
Ind15.stVal	ST	DDB_OUTPUT_RELAY_15 (14)
Ind15.q	ST	Function (Get_Relay_Quality())
Ind15.t	ST	AUTO_TIME
Ind15.d	DC	[4B 0F] - Relay 15
Ind16.stVal	ST	DDB_OUTPUT_RELAY_16 (15)
Ind16.q	ST	Function (Get_Relay_Quality())
Ind16.t	ST	AUTO_TIME
Ind16.d	DC	[4B 10] - Relay 16
Ind17.stVal	ST	DDB_OUTPUT_RELAY_17 (16)
Ind17.q	ST	Function (Get_Relay_Quality())
Ind17.t	ST	AUTO_TIME
Ind17.d	DC	[4B 11] - Relay 17
Ind18.stVal	ST	DDB_OUTPUT_RELAY_18 (17)
Ind18.q	ST	Function (Get_Relay_Quality())
Ind18.t	ST	AUTO_TIME
Ind18.d	DC	[4B 12] - Relay 18
Ind19.stVal	ST	DDB_OUTPUT_RELAY_19 (18)
Ind19.q	ST	Function (Get_Relay_Quality())
Ind19.t	ST	AUTO_TIME
Ind19.d	DC	[4B 13] - Relay 19
Ind20.stVal	ST	DDB_OUTPUT_RELAY_20 (19)
Ind20.q	ST	Function (Get_Relay_Quality())
Ind20.t	ST	AUTO_TIME

Attribute	FC	Source
Ind20.d	DC	[4B 14] - Relay 20
Ind21.stVal	ST	DDB_OUTPUT_RELAY_21 (20)
Ind21.q	ST	Function (Get_Relay_Quality())
Ind21.t	ST	AUTO_TIME
Ind21.d	DC	[4B 15] - Relay 21
Ind22.stVal	ST	DDB_OUTPUT_RELAY_22 (21)
Ind22.q	ST	Function (Get_Relay_Quality())
Ind22.t	ST	AUTO_TIME
Ind22.d	DC	[4B 16] - Relay 22
Ind23.stVal	ST	DDB_OUTPUT_RELAY_23 (22)
Ind23.q	ST	Function (Get_Relay_Quality())
Ind23.t	ST	AUTO_TIME
Ind23.d	DC	[4B 17] - Relay 23
Ind24.stVal	ST	DDB_OUTPUT_RELAY_24 (23)
Ind24.q	ST	Function (Get_Relay_Quality())
Ind24.t	ST	AUTO_TIME
Ind24.d	DC	[4B 18] - Relay 24
Ind25.stVal	ST	DDB_OUTPUT_RELAY_25 (24)
Ind25.q	ST	Function (Get_Relay_Quality())
Ind25.t	ST	AUTO_TIME
Ind25.d	DC	[4B 19] - Relay 25
Ind26.stVal	ST	DDB_OUTPUT_RELAY_26 (25)
Ind26.q	ST	Function (Get_Relay_Quality())
Ind26.t	ST	AUTO_TIME
Ind26.d	DC	[4B 1A] - Relay 26
Ind27.stVal	ST	DDB_OUTPUT_RELAY_27 (26)
Ind27.q	ST	Function (Get_Relay_Quality())
Ind27.t	ST	AUTO_TIME
Ind27.d	DC	[4B 1B] - Relay 27
Ind28.stVal	ST	DDB_OUTPUT_RELAY_28 (27)
Ind28.q	ST	Function (Get_Relay_Quality())
Ind28.t	ST	AUTO_TIME
Ind28.d	DC	[4B 1C] - Relay 28
Ind29.stVal	ST	DDB_OUTPUT_RELAY_29 (28)
Ind29.q	ST	Function (Get_Relay_Quality())
Ind29.t	ST	AUTO_TIME
Ind29.d	DC	[4B 1D] - Relay 29
Ind30.stVal	ST	DDB_OUTPUT_RELAY_30 (29)
Ind30.q	ST	Function (Get_Relay_Quality())
Ind30.t	ST	AUTO_TIME
Ind30.d	DC	[4B 1E] - Relay 30
Ind31.stVal	ST	DDB_OUTPUT_RELAY_31 (30)
Ind31.q	ST	Function (Get_Relay_Quality())
Ind31.t	ST	AUTO_TIME

Attribute	FC	Source
Ind31.d	DC	[4B 1F] - Relay 31
Ind32.stVal	ST	DDB_OUTPUT_RELAY_32 (31)
Ind32.q	ST	Function (Get_Relay_Quality())
Ind32.t	ST	AUTO_TIME
Ind32.d	DC	[4B 20] - Relay 32

6.16**Logical Node: SynLTMS1****Description:** Time master supervision

Attribute	FC	Source
NamPlt.vendor	DC	FIXED_STRING
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	FIXED_STRING
Beh.stVal	ST	Function (Get_PD_Beh())
Beh.q	ST	FIXED_NUMERIC
Beh.t	ST	AUTO_TIME
Health.stVal	ST	FIXED_NUMERIC
Health.q	ST	FIXED_NUMERIC
Health.t	ST	AUTO_TIME
Mod.stVal	ST	FIXED_NUMERIC
Mod.q	ST	FIXED_NUMERIC
Mod.t	ST	AUTO_TIME
Mod.ctlModel	CF	FIXED_NUMERIC
TmSrc.stVal	ST	Function (mst_get_time_sync_source())
TmSrc.q	ST	Function (Get_Common_Quality())
TmSrc.t	ST	AUTO_TIME

Notes:



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