

VersiControl Smart System Plus - NMEA

INSTALLATION INSTRUCTIONS

Part#: 2300X-KKKK-NM-01

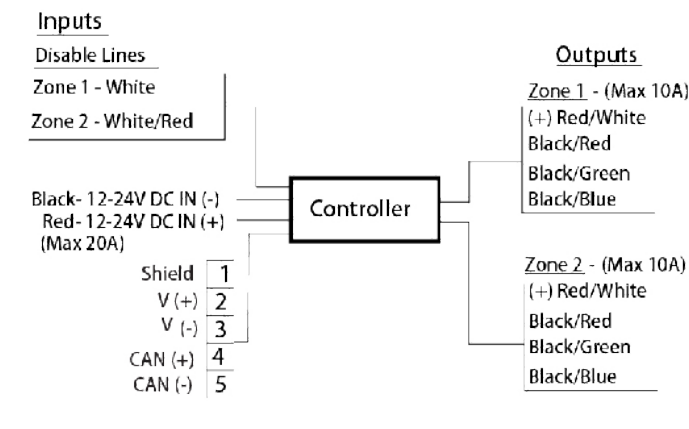
Safety Instructions

- Disconnect power before installing, adding or changing any component.
- To avoid a hazard to children, account for all parts and destroy all packing materials.
- Do not install any luminaire assembly closer than 6" from any combustible materials.
- Positive (+) outputs require a fuse if the attached wire leads are not rated to handle the max current.
- This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:
 - This device may not cause harmful interference
 - This device must accept any interferences received, including interference that may cause undesired operation

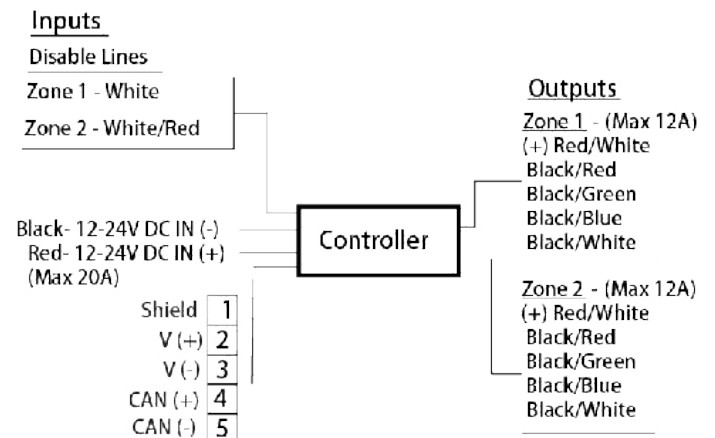
Mating Connectors

NMEA	Power Wires	RGB Wires	RGBW Wires	Addressable Wires
NMEA 2000 Female	DTP06-2S	DT04-4P	DT04-6P	DT04-3P

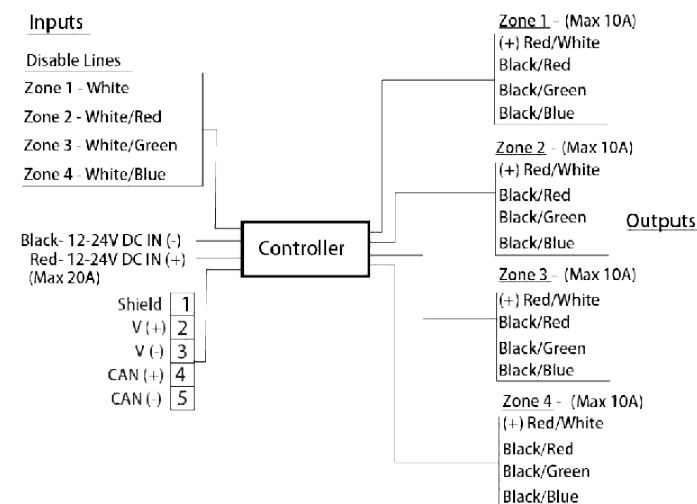
WIRING DIAGRAMS: Follow the wiring diagram below to wire the module to your system. Note: Maximum replacement fuse size is 20 amps.



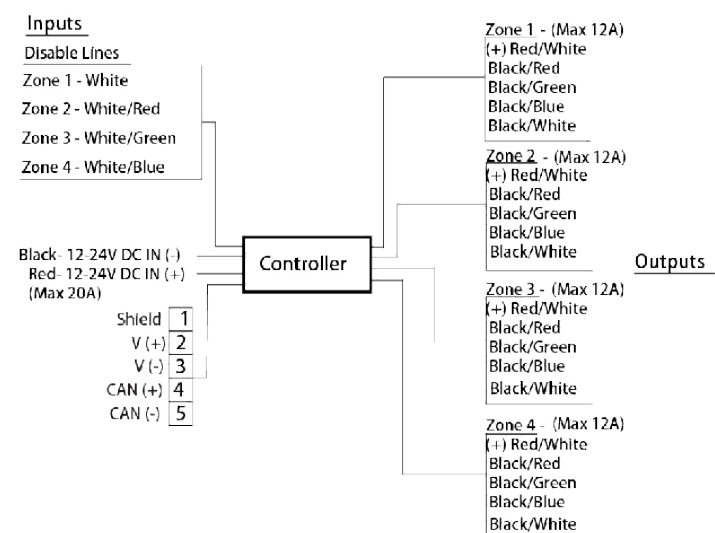
23002-RGB-NM-01 - Two Standard RGB Zones



23002-RGBW-NM-01 - Two Standard RGBW Zones



23004-RGB-NM-01 - Four Standard RGB Zones



23004-RGBW-NM-01 - Four Standard RGBW Zones



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For warranty information please visit www.itc-us.com/warranty-return-policy
Rev A - 07/22/24

Inputs

Disable Lines

Zone 1 - White
Zone 2 - White/Red
Zone 3 - White/Green
Zone 4 - White/Blue

Inputs

Black- 12-24V DC IN (-)
Red- 12-24V DC IN (+)
(Max 20A)

Shield 1
V(+) 2
V (-) 3
CAN(+) 4
CAN(-) 5

Controller

Outputs

Zone 1 - (Max 10A)

(+) Red/White
Black/Red
Black/Green
Black/Blue

Zone 2 - (Max 10A)

(+) Red/White
Black/Red
Black/Green
Black/Blue

Zone 3

(+) Red
Orange
(-) Black

Zone 4

(+) Red
Orange
(-) Black

Inputs

Disable Lines

Zone 1 - White
Zone 2 - White/Red
Zone 3 - White/Green
Zone 4 - White/Blue

Inputs

Black- 12-24V DC IN (-)
Red- 12-24V DC IN (+)
(Max 20A)

Shield 1
V(+) 2
V (-) 3
CAN(+) 4
CAN(-) 5

Controller

Outputs

Zone 1 - (Max 12A)

(+) Red/White
Black/Red
Black/Green
Black/Blue
Black/White

Zone 2 - (Max 12A)

(+) Red/White
Black/Red
Black/Green
Black/Blue
Black/White

Zone 3

(+) Red
Orange
(-) Black

Zone 4

(+) Red
Orange
(-) Black

23022-RGB-NM-01 - Two Standard RGB/Two Addressable

23022-RGBW-NM-01 - Two Standard RGBW/Two Addressable

Inputs

Disable Lines

Zone 1 - White
Zone 2 - White/Red
Zone 3 - White/Green
Zone 4 - White/Blue

Inputs

Black- 12-24V DC IN (-)
Red- 12-24V DC IN (+)
(Max 20A)

Shield 1
V(+) 2
V (-) 3
CAN(+) 4
CAN(-) 5

Controller

Outputs

Zone 1 - (Max 10A)

(+) Red/White
Black/Red
Black/Green
Black/Blue

Zone 2

(+) Red
Orange
(-) Black

Zone 3

(+) Red
Orange
(-) Black

Zone 4

(+) Red
Orange
(-) Black

Inputs

Disable Lines

Zone 1 - White
Zone 2 - White/Red
Zone 3 - White/Green
Zone 4 - White/Blue

Inputs

Black- 12-24V DC IN (-)
Red- 12-24V DC IN (+)
(Max 20A)

Shield 1
V(+) 2
V (-) 3
CAN(+) 4
CAN(-) 5

Controller

Outputs

Zone 1 - (Max 12A)

(+) Red/White
Black/Red
Black/Green
Black/Blue
Black/White

Zone 2

(+) Red
Orange
(-) Black

Zone 3

(+) Red
Orange
(-) Black

Zone 4

(+) Red
Orange
(-) Black

23031-RGB-NM-01 - One Standard RGB/Three Addressable

23031-RGBW-NM-01 - One Standard RGBW/Three Addressable

Inputs

Disable Lines

Zone 1 - White
Zone 2 - White/Red
Zone 3 - White/Green
Zone 4 - White/Blue

Inputs

Black- 12-24V DC IN (-)
Red- 12-24V DC IN (+)
(Max 20A)

Shield 1
V(+) 2
V (-) 3
CAN(+) 4
CAN(-) 5

Controller

Outputs

Zone 1

(+) Red
Orange
(-) Black

Zone 2

(+) Red
Orange
(-) Black

Zone 3

(+) Red
Orange
(-) Black

Zone 4

(+) Red
Orange
(-) Black

23040-RGBW-NM-01 - Four Addressable Zones

