

XTOE/ZEB IEC Electronic Overload - Self Powered

Safety Instructions: It is recommended to refer to the ZEB/XTOE safety manual MN03402007ZDEEN before installing the ZEB/XTOE self-powered device to provide EEx e type of protection to motors installed in hazardous areas.



Dangerous Electrical Current!

Only skilled qualified persons may carry out the following operations.

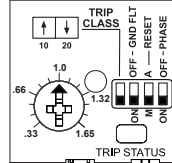


Automatic or network reset is not intended for two-wire control devices.

Un renclenchement automatique ou un de réseau ne convient pas aux dispositifs de contrôle à deux conducteurs.

Unit status	LED
Motor is running, Current < 1.15 Times Dial Setting.	1 Flash/ 2 Seconds
Motor is running, Current ≥ 1.15 Times Dial Setting.	2 flash/ 2 seconds
If the orange trip flag is visible, a trip has occurred.	No Flash
If the orange trip flag is not visible, motor is off or drawing < min FLA.	No flash

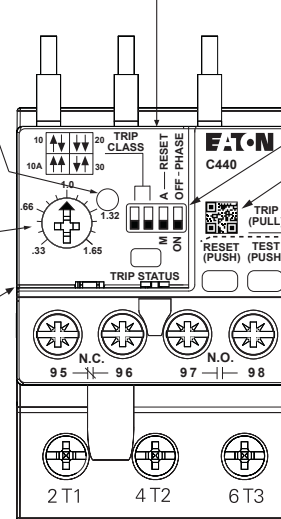
Ground Fault Unit 3Ø Systems only GF 50% FLA Setting

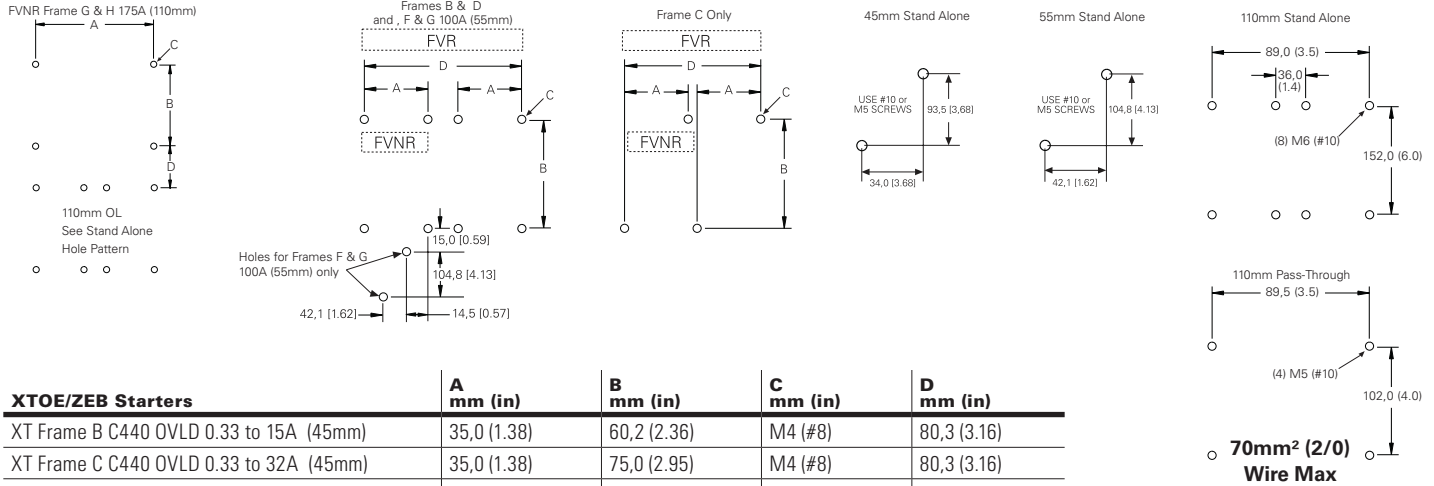


Motor Service Factor Overload Tripping Current = 115%



Rotate FLA dial to current listed on motor nameplate for all motor Service Factors.





XTOE/ZEB Starters	A mm (in)	B mm (in)	C mm (in)	D mm (in)
XT Frame B C440 OVLD 0.33 to 15A (45mm)	35,0 (1.38)	60,2 (2.36)	M4 (#8)	80,3 (3.16)
XT Frame C C440 OVLD 0.33 to 32A (45mm)	35,0 (1.38)	75,0 (2.95)	M4 (#8)	80,3 (3.16)
XT Frame D C440 OVLD 9 to 45A (45mm)	45,0 (1.77)	105,0 (4.13)	M4 (#8)	135,0 (5.31)
XT Frame D C440 OVLD 20 to 100A (55mm)	45,0 (1.77)	105,0 (4.13)	M4 (#8)	135,0 (5.31)
XT Frame F C440 OVLD 20 to 100A (55mm)	70,0 (2.75)	156,0 (6.14)	M6 (#10)	160,0 (6.30)
XT Frame G C440 OVLD 20 to 100A (55mm)	70,0 (2.75)	156,0 (6.14)	M6 (#10)	160,0 (6.30)
XT Frame G C440 OVLD 35-175A (110mm)	70,0 (2.75)	156,0 (6.14)	M6 (#10)	21,3 (0.84)
XT Frame H C440 OVLD 30-175A (110mm) *	120,0 (4.72)	160,0 (6.30)	M6 (#10)	26,7 (1.05)

Note: *Mount ol to panel before loosening load-side terminals.

Description	Catalog Number	
Expansion Module (24V dc Remote Reset/Modbus RTU, RS485) - 6pin	C440-XCOM	
Remote Reset Module (120V ac) - 2pin	ZEB-XRR-120	
Remote Reset Module (24V ac) - 2pin	ZEB-XRR-24	
Tamper Proof FLA DIAL Cover	ZEB-XSC	
RESET BAR	ZEB-XRB	
Communication Adapter	C440-COM-ADP	

Communication Kits	Catalog No.	
Device Net Com module kit - 120V ac I/O	C440-DN-120	
Device Net Com module kit - 24V dc I/O	C440-DN-24	
Profibus Com module kit - 120V ac I/O	C440-DP-120	
Profibus Com module kit - 24V dc I/O	C440-DP-24	
Modbus Com module kit - 120V ac I/O	C440-MOD-120	
Modbus Com module kit - 24V dc I/O	C440-MOD-24	

Approved External CT to be used with 1-5A Stand Alone Overload

CT Package (60-300A)	ZEB-XCT300
CT Package (120-600A)	ZEB-XCT600
CT Package (200-1000A)	ZEB-XCT1000
CT Package (300-1500A)	ZEB-XCT1500

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