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TP-FM02-09

CHARM™ I/O Baseplate adapter with 2 x BLT12 connectors

<u>Description :</u>

The **TP-FM02-09** adapter panel is used to connect a FIRELEC interface to the Emerson CHARM™ I/O baseplate (DeltaV™ S-series) using two BLT12 connectors.

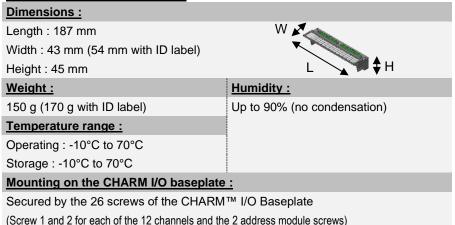
The **TP-FM02-09** is screwed directly on the CHARM™ I/O baseplate.

The connection to the FIRELEC interface is done using two shielded cables, with a BLT12 pin female connector at one end, and labeled flying wires or a suitable connector matching with the FIRELEC interface at the other end.

Product options:

Option -1: TP-FM02-09-1, Standard version Option **VSH**: Conformal coating (Tropicalization)

Technical Specifications:





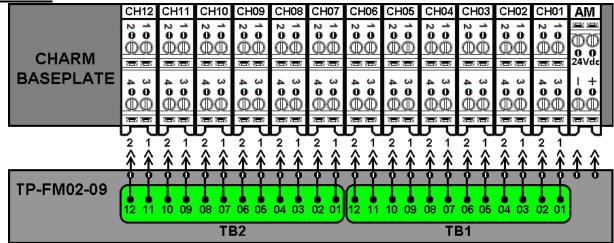


TP-FM02-09-1 + LB-11696-1 (To be ordered separately)

2 x BLT12 pin male connectors

Connection with the FIRELEC interface:

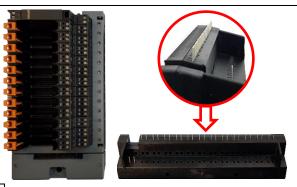
Pin Assignment:



	CH12	CH11	CH10	CH09	CH08	CH07	CH06	CH05	CH04	CH03	CH02	CH01	AM
	TB2 (second BLT12 for channels 07 to 12)					TB1 (first BLT12 for channels 01 to 06)							
CHARM™	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	- +
BLT pin	NC NC 12 11	NC NC 10 09	NC NC 08 07	NC NC 06 05	NC NC 04 03	NC NC 02 01	NC NC 12 11	NC NC 10 09	NC NC 08 07	NC NC 06 05	NC NC 04 03	NC NC 02 01	NCNC



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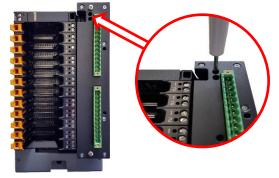


Before of the installation of the TP-FM02-03 adapter panel, check 1 the pin alignment of each row to avoid any locking of insertion

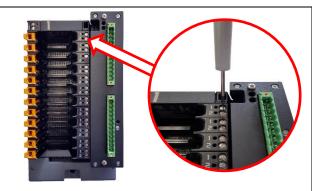


Insert the TP-FM02-03 in the CHARM I/O baseplate by placing the pins in the terminal blocks

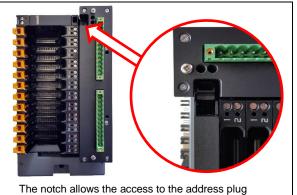
2

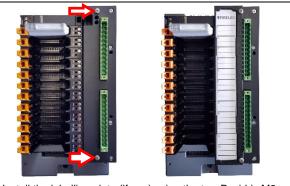


By keeping the two elements in place, screw the twelve screws of the bottom row through the TP-FM02-03 with a flat-bladed screwdriver to secure the baseplate and the TP-FM02-03.

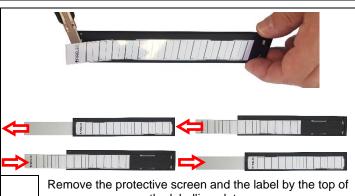


Screw the 12 screws of the top row (#2 of each channels) with a flat-bladed screwdriver



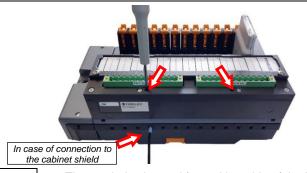


Install the labelling plate (if any) using the two Pozidriv M3 screws



the labelling plate. Reinstall the label before the protective screen by the

same way.



The two holes located from either side of the BLT connectors give an access to the shield bar of the CHARM I/O baseplate using a flat-bladed screwdriver. It is used to make an optional shield connection



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Compatibility:

CODE	Signal	Signal description	CHARM TB	CHARM Module	TP-FM02	Interfacing cable	FIRELEC FTA Reference
CM- TC01	TC	TC All types	SE4504	SE4303T02	TP-FM02-09-1	2 x CBL-1587 Option of the cable is depending of the Tc type	INT-2BLT12/242

