



TP-FM02-06

CHARM™ I/O Baseplate adapter with 2 x DMCV18 connectors

Description :

The **TP-FM02-06** adapter panel is used to connect a FIRELEC interface to the Emerson CHARM™ I/O baseplate (DeltaV™ S-series) using two DMCV 18 pin male connectors.

The **TP-FM02-06** is screwed directly on the CHARM™ I/O baseplate.

The connection to the FIRELEC interface is done using two shielded cables, with a DFMC 18 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-FM02-06-1*, Standard version

Option -VSH : Conformal coating (Tropicalization)

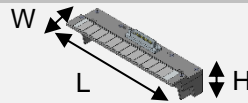
Technical Specifications :

Dimensions :

Length : 187 mm

Width : 43 mm (54 mm with ID label)

Height : 40 mm



Weight :

145 g (165 g with labelling plate LB-11696-1)

Shield connection :

Directly using the dedicated screws of the CHARM™ I/O Baseplate

Temperature range :

Operating : -10°C to 70°C

Storage : -10°C to 70°C

Max Voltage :

120Vac

Max Current :

0,5A

Humidity :

Up to 90% (no condensation)

Mounting on the CHARM I/O baseplate :

Secured by 36 screws of the CHARM™ I/O Baseplate

(Screw 1,2 and 4 for each of the 12 channels)

Connection with the FIRELEC interface :

Two DMCV 18 pin male connectors.

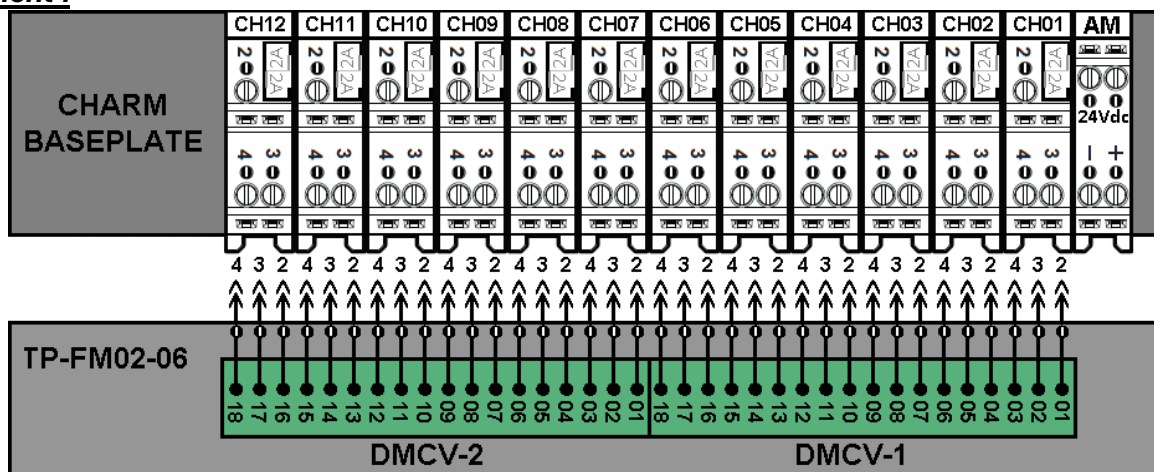


TP-FM02-06-1



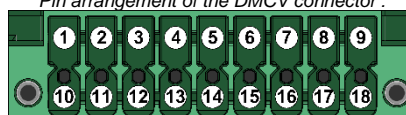
TP-FM02-06-1 + LB-11696-1

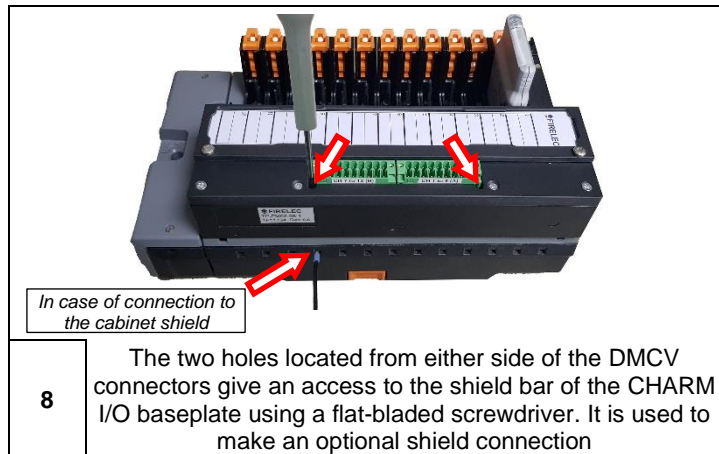
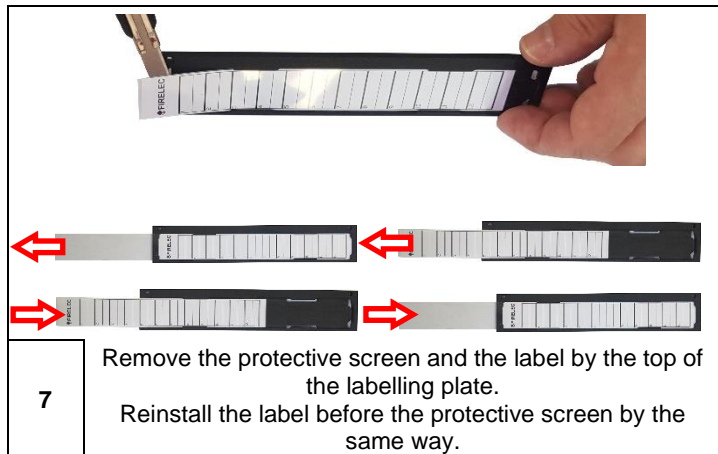
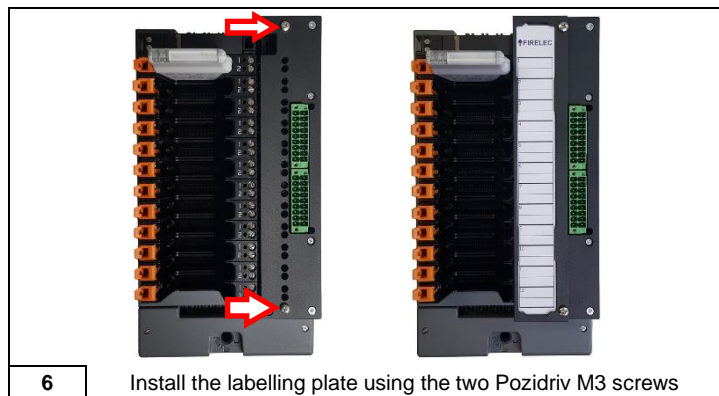
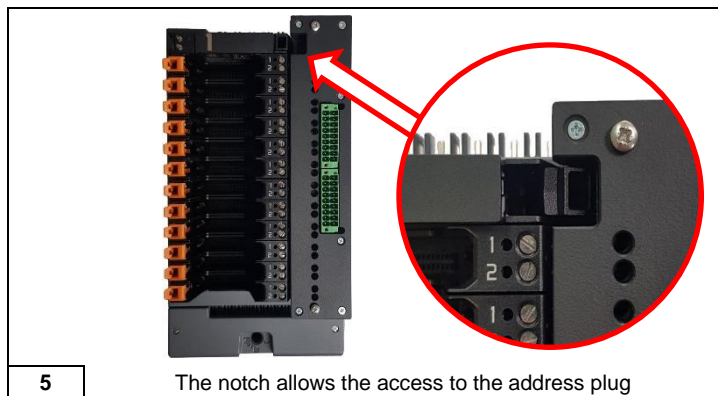
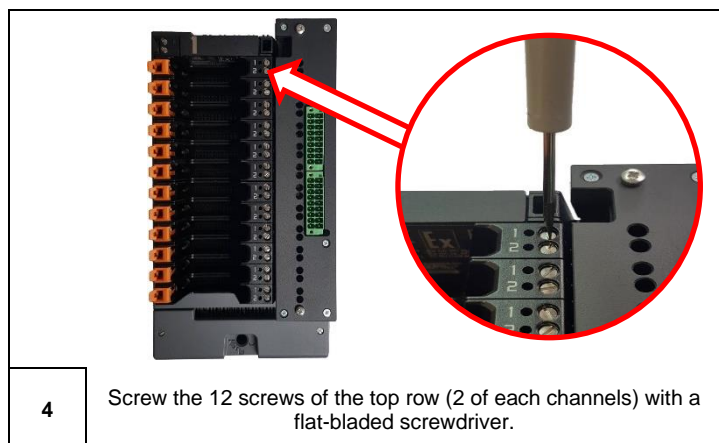
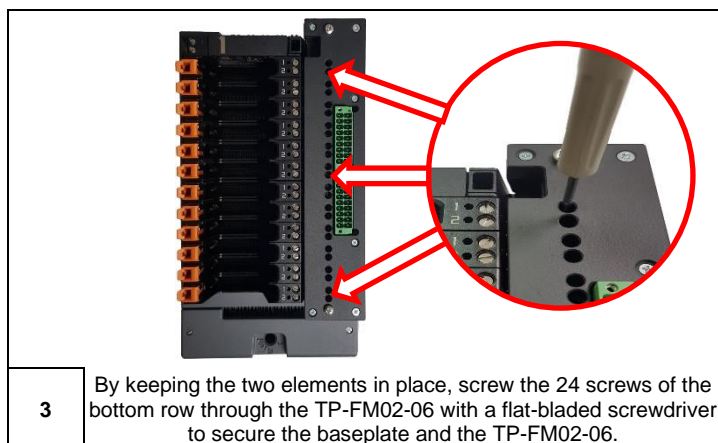
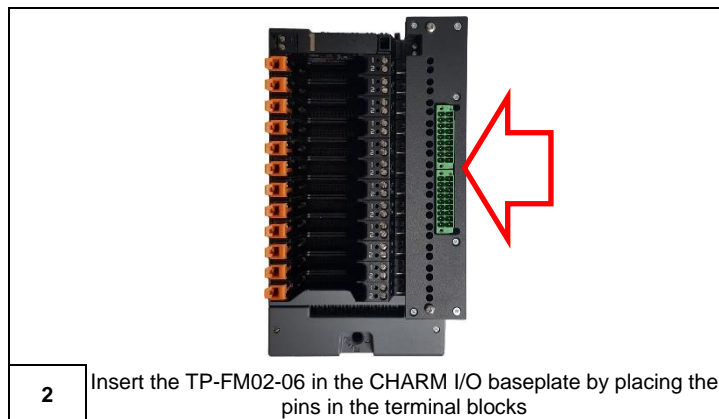
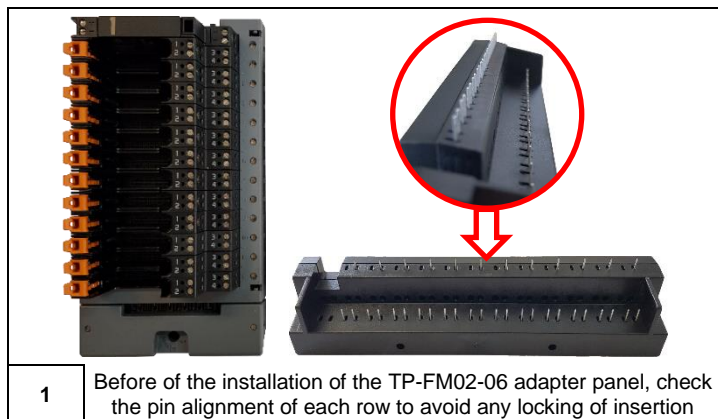
Pin Assignment :















	CH12	CH11	CH10	CH09	CH08	CH07	CH06	CH05	CH04	CH03	CH02	CH01	AM
	TB2 (second DMCV18 for channels 07 to 12)						TB1 (first DMCV18 for channels 01 to 06)						
CHARM™	4 3 2	4 3 2	4 3 2	4 3 2	4 3 2	4 3 2	4 3 2	4 3 2	4 3 2	4 3 2	4 3 2	4 3 2	- +
DMCV pin	18 17 16	15 14 13	12 11 10	09 08 07	06 05 04	03 02 01	18 17 16	15 14 13	12 11 10	09 08 07	06 05 04	03 02 01	NC NC

Pin arrangement of the DMCV connector :





Compatibility :

CODE	Signal	Signal description	CHARM TB	CHARM module	TP-FM02	Interfacing cable	FIRELEC FTA Reference
CM-AI06	AI	4-20mA (With injected power TB)	SE4511	SE4303T01	 TP-FM02-06-1	  2 x CBL-1749 Option (-1)	 INT-2DMCV18/363
CM-DI17	DI	24Vdc Isolated - Injected Power with PS provided on the CHARM TB	SE4512	SE4301T07	 TP-FM02-06-1	  2 x CBL-1749 Option (-1)	 INT-2DMCV18/363
CM-DI18	DI	24Vdc Isolated - Injected Power for Sensor (2W/3W) with PS provided by the CHARM TB	SE4512	SE4301T07	 TP-FM02-06-1	  2 x CBL-1749 Option (-1)	 INT-2DMCV18/363

