

TP-FM02-01

CHARM™ I/O Baseplate to D-SUB 25 pin Male adapter

Description :

The **TP-FM02-01** adapter panel is used to connect a FIRELEC interface unit to the Emerson **CHARM™** I/O baseplate (DeltaV™ S-series) using a D-SUB 25 pin male connector.

The **TP-FM02-01** is screwed directly on the terminal blocks of the **CHARM™** I/O baseplate.

The connection to the FIRELEC interface unit is done using a shielded cable, with a D-SUB 25 pin female connector at one end and labeled flying wires or a suitable connector matching with the FIRELEC interface unit at the other end.

Product options :

Option **-1** : **TP-FM02-01-1**, Standard version

Option **VSH** : Conformal coating (Tropicalization)

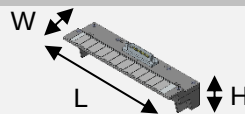
Technical Specifications :

Dimensions :

Length : 187 mm

Width : 43 mm (54 mm with ID label)

Height : 40 mm



Weight :

140 g (160 g with the labelling plate LB-11696-1)

Humidity :

Up to 90% (no condensation)

Temperature range :

Operating : -10°C to 70°C

Storage : -10°C to 70°C

Shield connection :

By two M3 screws

Mounting on the CHARM I/O baseplate :

Secured by 30 screws of the **CHARM™** I/O Baseplate

(Screw 1 & 2 for each of the 12 channels and screw 3 & 4 of ch06, ch12 and the address module)

Connection with the FIRELEC interface units :

D-Sub 25 pin male connector with UNC 4-40 female lock

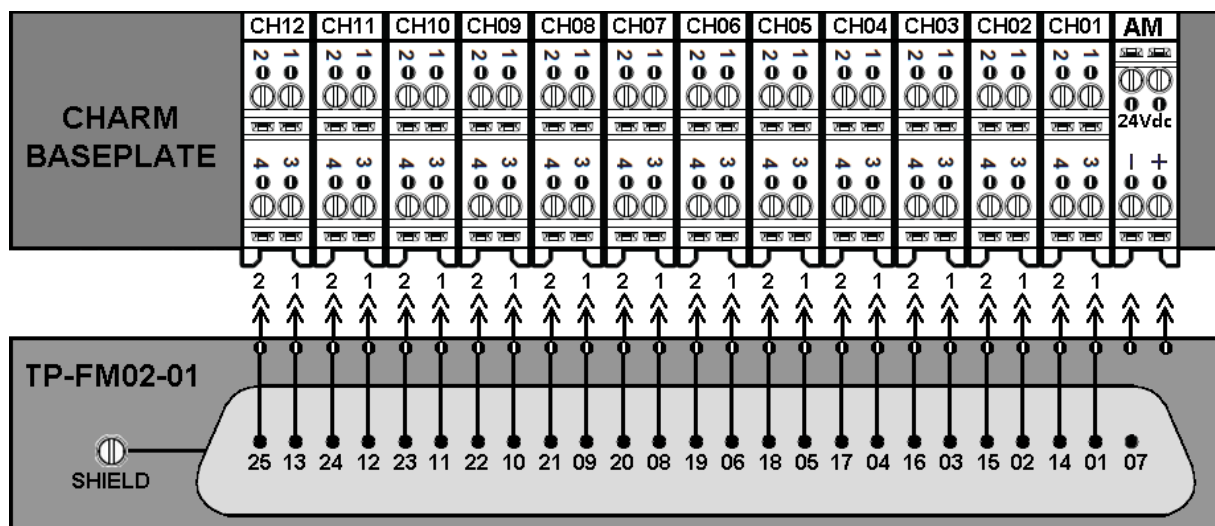


TP-FM02-01-1



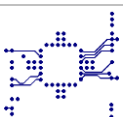
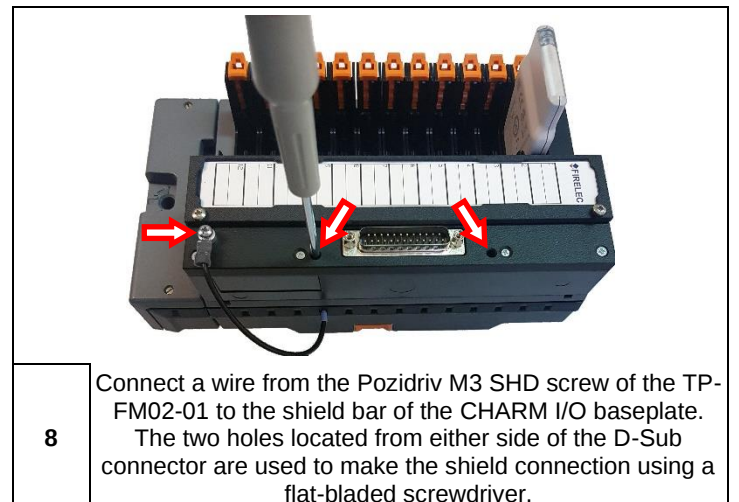
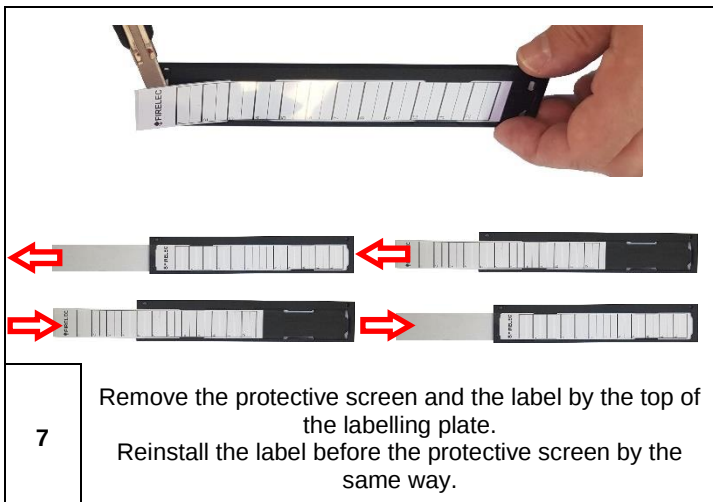
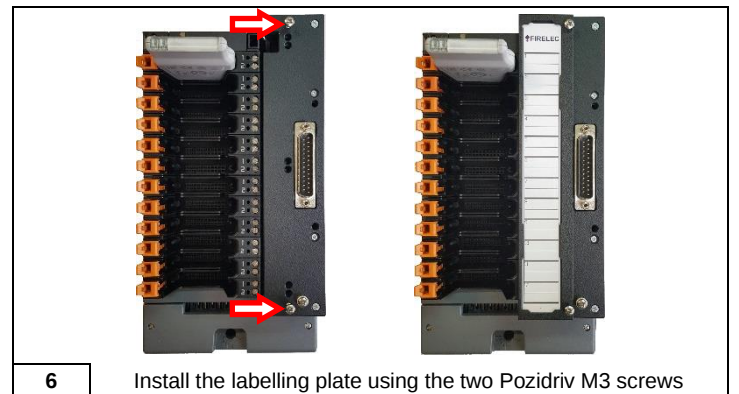
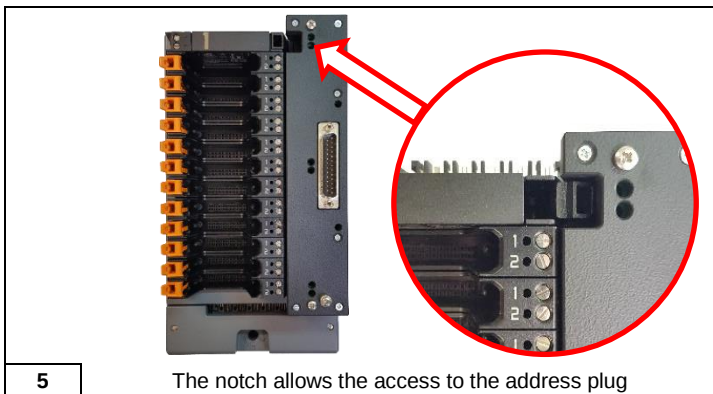
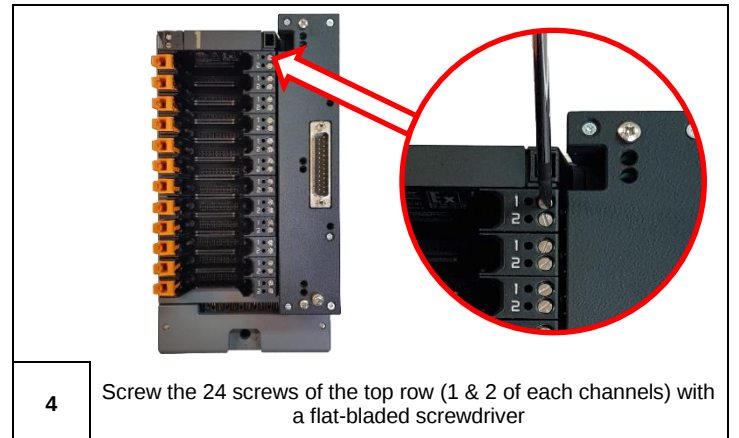
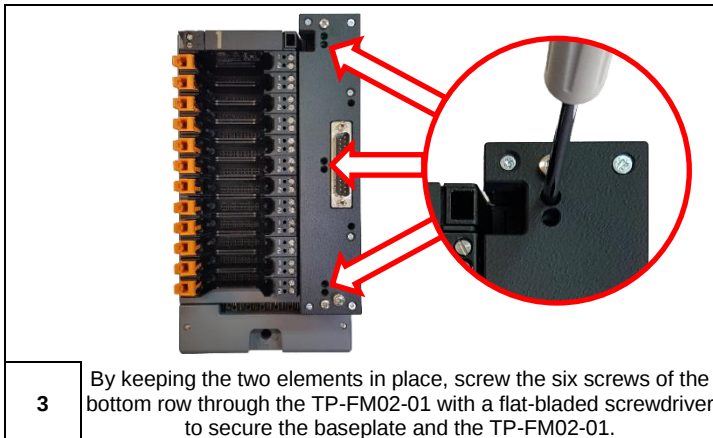
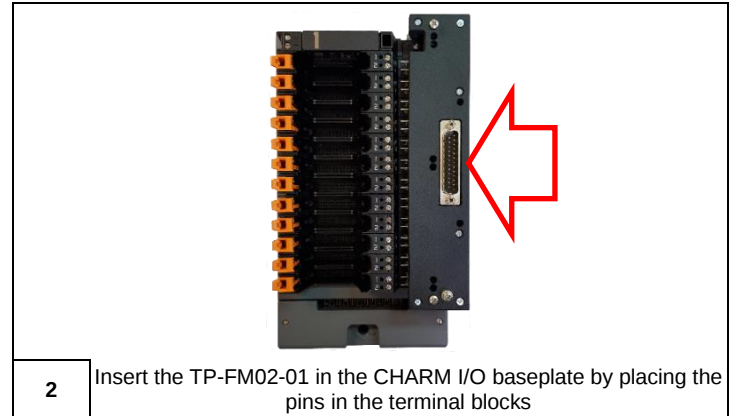
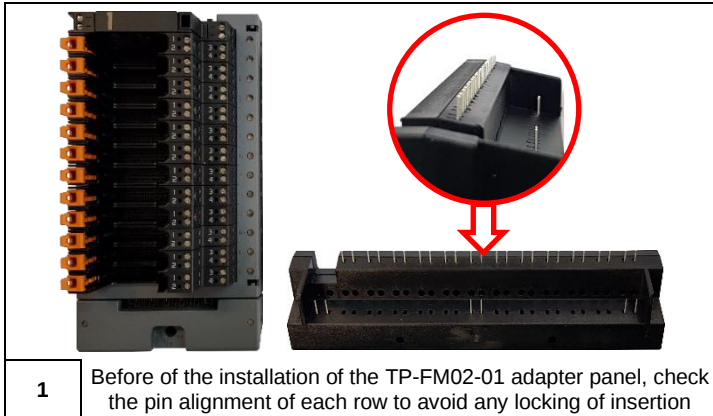
TP-FM02-01-1 + LB-11696-1

Pin Assignment :

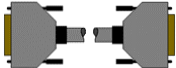
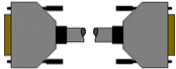
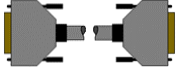
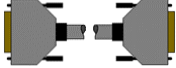
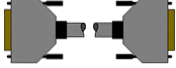
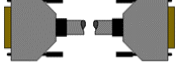


	CH12	CH11	CH10	CH09	CH08	CH07	CH06	CH05	CH04	CH03	CH02	CH01	AM
CHARM™	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	- +
D-SUB	NC/NC/25/13	NC/NC/24/12	NC/NC/23/11	NC/NC/22/10	NC/NC/23/09	NC/NC/20/08	NC/NC/19/06	NC/NC/18/05	NC/NC/17/04	NC/NC/16/03	NC/NC/15/02	NC/NC/14/01	NC/NC





Compatibility :

CODE	Signal	Signal description	CHARM TB	CHARM module	TP-FM02	Interfacing cable	FIRELEC FTA Reference
CM-AI01	AI	4-20mA (2W)	SE4501	SE4303T01	 TP-FM02-01-1	 CBL-1586 Option (-1) - (-2)	 INT-SUBD25M/243
CM-AI07	AI	0-10Vdc (Isolated)	SE4501	SE4303T04	 TP-FM02-01-1	 CBL-1586 Option (-1) - (-2)	 INT-SUBD25M/243
CM-RTD03	RTD	(2W)	SE4501	SE4303T03	 TP-FM02-01-1	 CBL-1586 Option (-1) - (-2)	 INT-SUBD25M/243
CM-AO01	AO	4-20mA	SE4501	SE4304T01	 TP-FM02-01-1	 CBL-1586 Option (-1) - (-2)	 INT-SUBD25M/243
CM-DI01	DI	Dry contact	SE4501	SE4301T02	 TP-FM02-01-1	 CBL-1586 Option (-1) - (-2)	 INT-SUBD25M/243
CM-DI02	DI	NAMUR	SE4501	SE4301T01	 TP-FM02-01-1	 CBL-1586 Option (-1) - (-2)	 INT-SUBD25M/243
CM-DI03	DI	24Vdc Isolated with external PS	SE4501	SE4301T07	 TP-FM02-01-1	 CBL-1586 Option (-1) - (-2)	 INT-SUBD25M/243
CM-DO01	DO	100mA - 24Vdc <u>Current limitation :</u> 107mA (SE4302T04) or 200mA (SE4302T01)	SE4501	SE4302T01 or SE4302T04	 TP-FM02-01-1	 CBL-1586 Option (-1) - (-2)	 INT-SUBD25M/243

