



FTA-T-02

Fail-safe digital output FTA (24/48/60 Vdc, 24 channels)

Description

The field termination assembly module FTA-T-02 is the interface between the system interconnection cables (SICs) and the external field wiring (screw terminals).

Twenty-four channels (separated into six groups of four channels) can be connected to the FTA-T-02 module via system interconnection cables (SIC). These cables are plugged into the SIC connectors on the FTA module. The six SIC connectors are marked '1A', '1B', '2A', '2B', '3A' and '3B' (white print on the board).

The FTA module has a universal snap-in facility for standard DIN EN rails, and screw terminals for connecting field wiring.

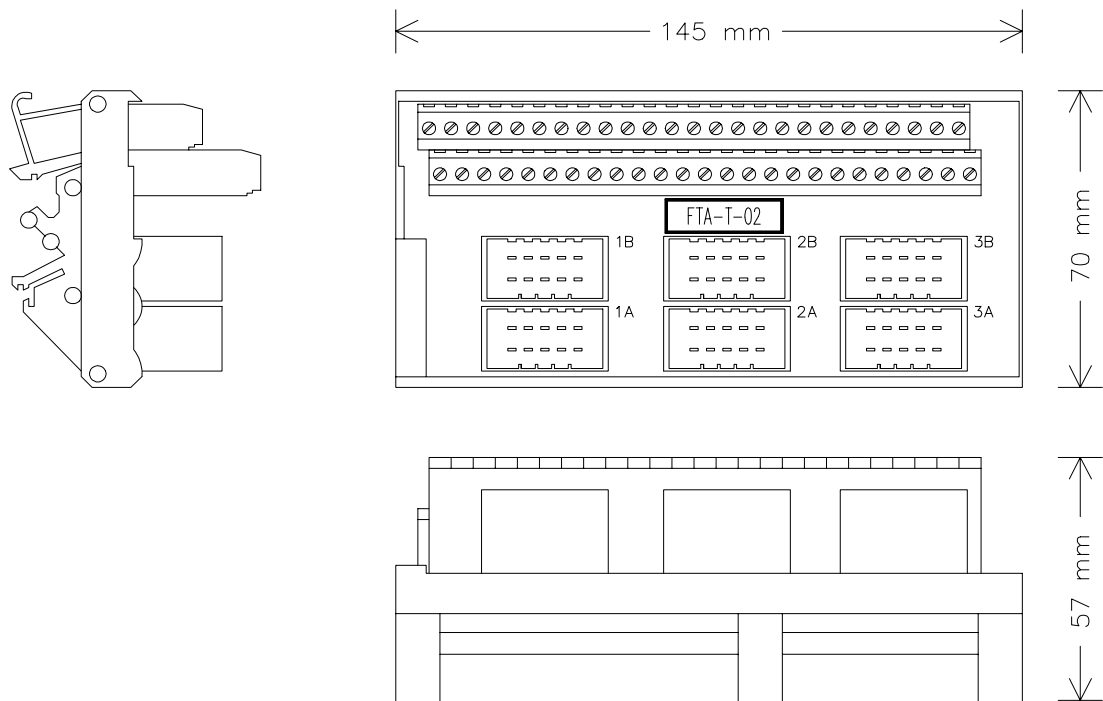


Figure 1 Mechanical layout

Applications

For details on applications and connection options for the FTA-T-02 module refer to the 'SIC to FTA applications' data sheet.



Connections

The connections diagram of the FTA-T-02 module is as follows:

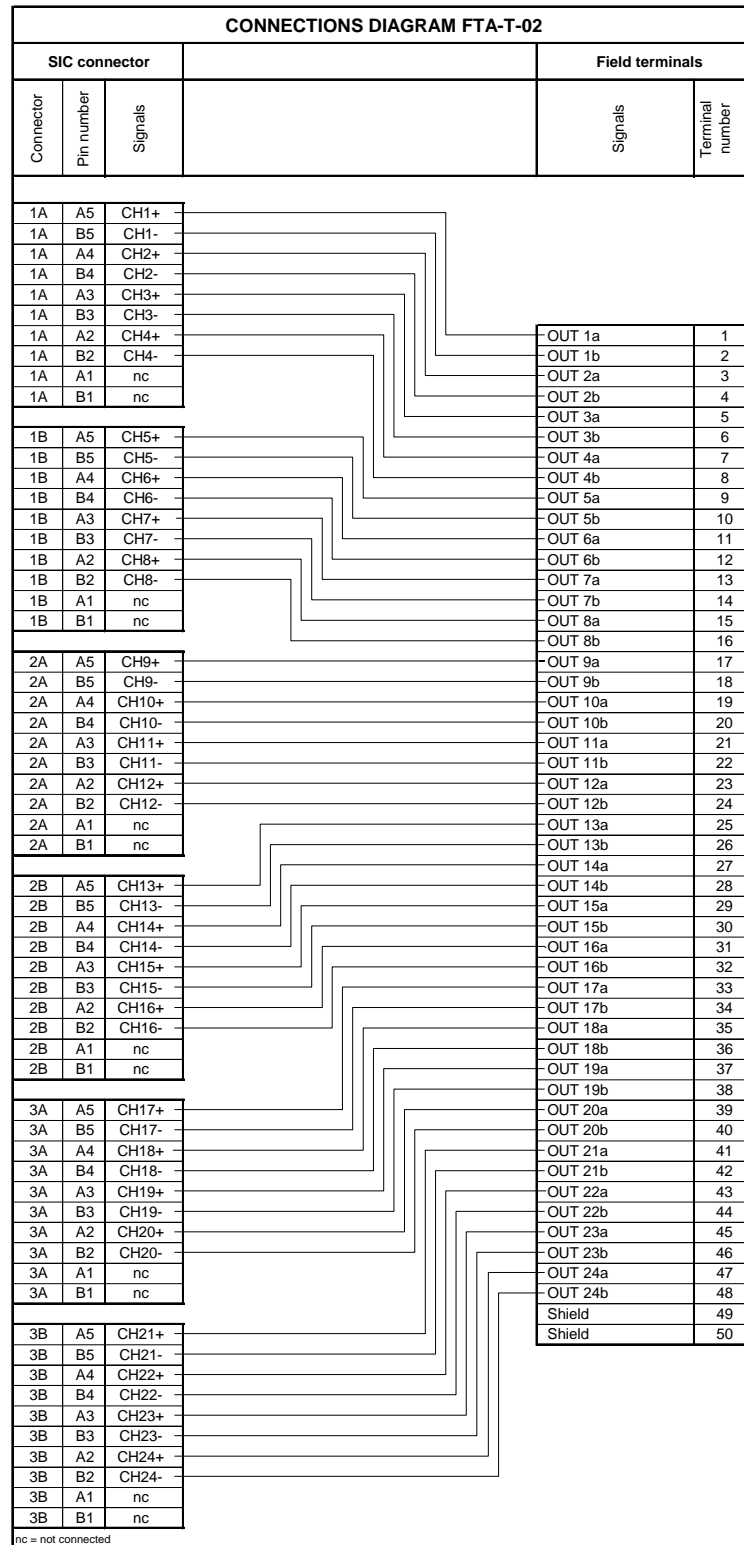


Figure 2 Connections diagram



Technical data

The FTA-T-02 module has the following specifications:

General	Type number:	FTA-T-02
	Approvals:	CE, UL
Power	Number of channels:	24 (6 groups of 4)
	Maximum voltage:	36 Vac / 50 Vdc – IEC 1010 (1990), overvoltage category 3 (Table D.12) 125 Vac / 150 Vdc – IEC 1010 (1990), overvoltage category 2 (Table D.10)
	Maximum continuous current per channel:	2 A
Physical	Module dimensions:	145 x 70 x 57 mm (L x W x H) 5.71 x 2.76 x 2.24 in (L x W x H)
	DIN EN rails:	TS32 / TS35 x 7.5
	Used rail length:	146 mm (5.75 in)
Termination	Screw terminals:	
	– max. wire diameter	2.5 mm ² (AWG 14)
	– strip length	7 mm (0.28 in)
	– tightening torque	0.5 Nm (0.37 ft-lb)

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