



FS-TSDO-0824 Fail-safe digital output FTA (24 Vdc, 8 channels)

Description

The field termination assembly module FS-TSDO-0824 is the interface between the system interconnection cable SIC-C-12 and the external field wiring (screw terminals).

The eight channels of a (redundant pair of) 10201/2/1 module(s) can be connected to the FS-TSDO-0824 module via the system interconnection cable SIC-C-12.

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

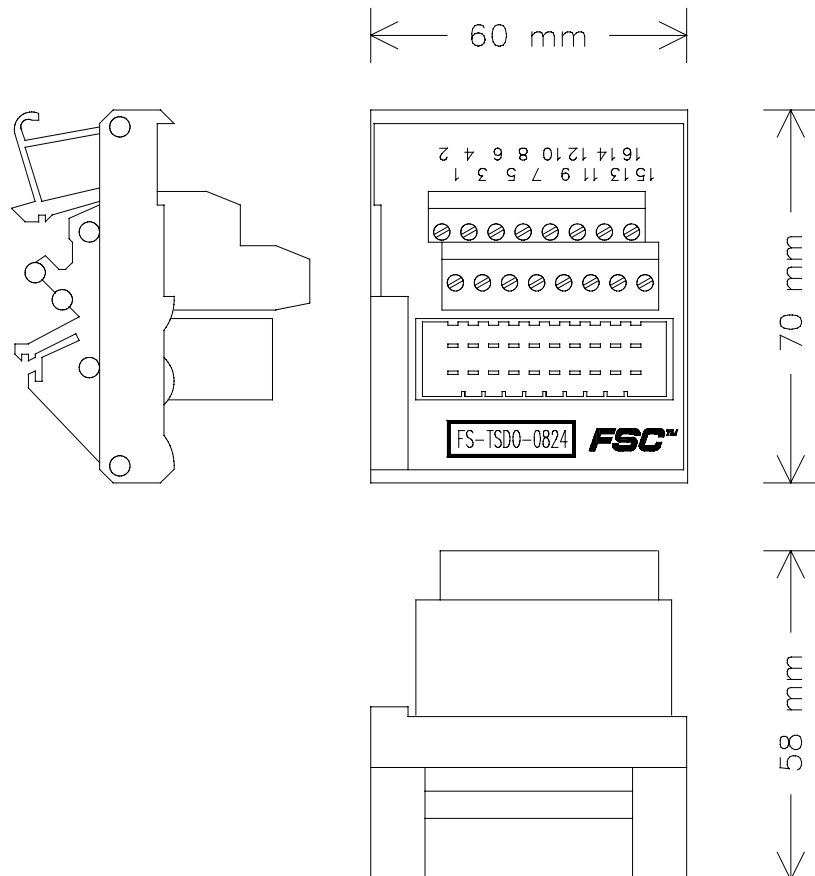


Figure 1 Mechanical layout

Applications

For details on applications and connection options for the FS-TSDO-0824 module refer to the 'SIC to FTA applications' data sheet.

Connections

The connections diagram of the FS-TSDO-0824 module is as follows:

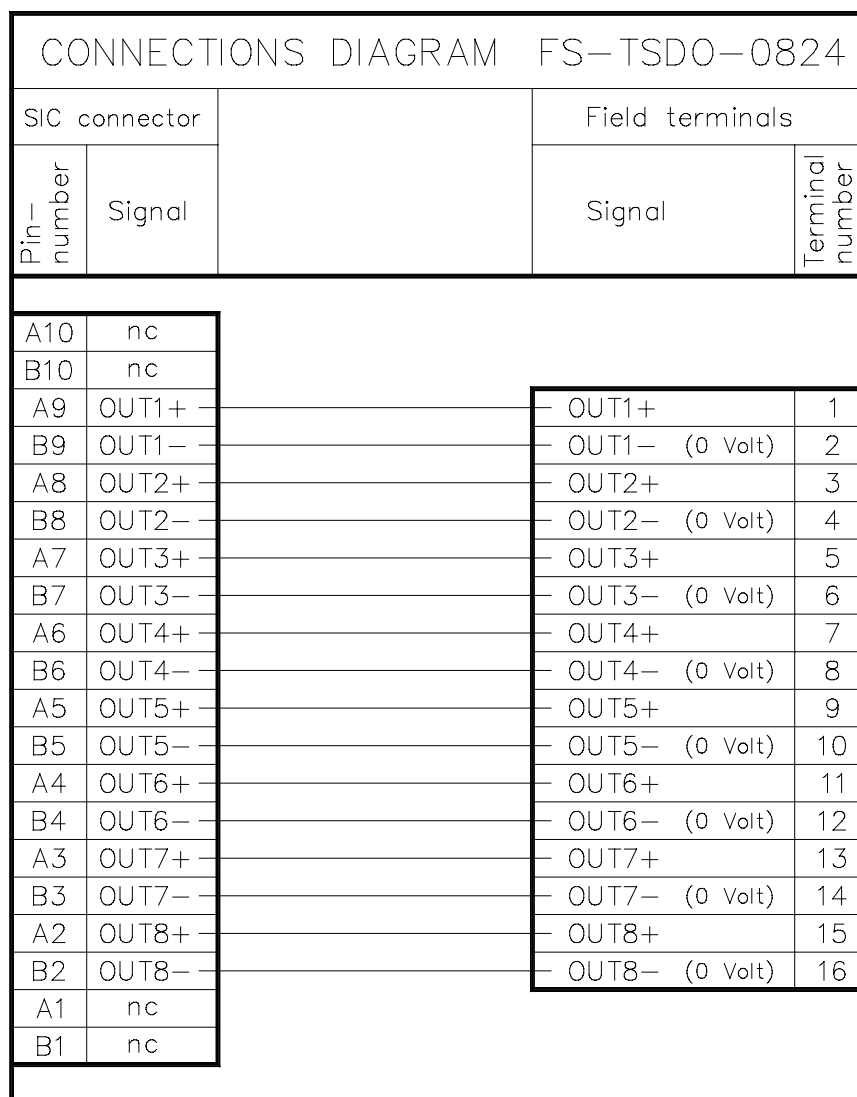


Figure 2 Connections diagram



Technical data

The FS-TSDO-0824 module has the following specifications:

General	Type number:	FS-TSDO-0824
	Approvals:	CE, UL approvals pending
Power	Number of channels:	8
	Maximum voltage:	36 Vdc – IEC 1010 (1990), overvoltage category 3 (Table D.12)
	Maximum continuous current per channel:	1.5 A
	Actual maximum current defined by connected output module	
Physical	Module dimensions:	60 x 70 x 58 mm (L x W x H) 2.36 x 2.76 x 2.28 in (L x W x H)
	DIN EN rails:	TS32 / TS35 x 7.5
	Used rail length:	61 mm (2.40 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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