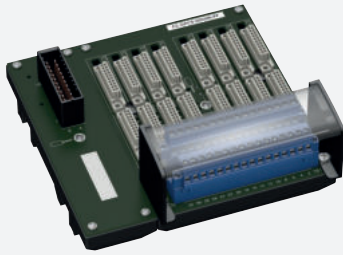


Termination Board

FC-GPCS-SDO08-PF



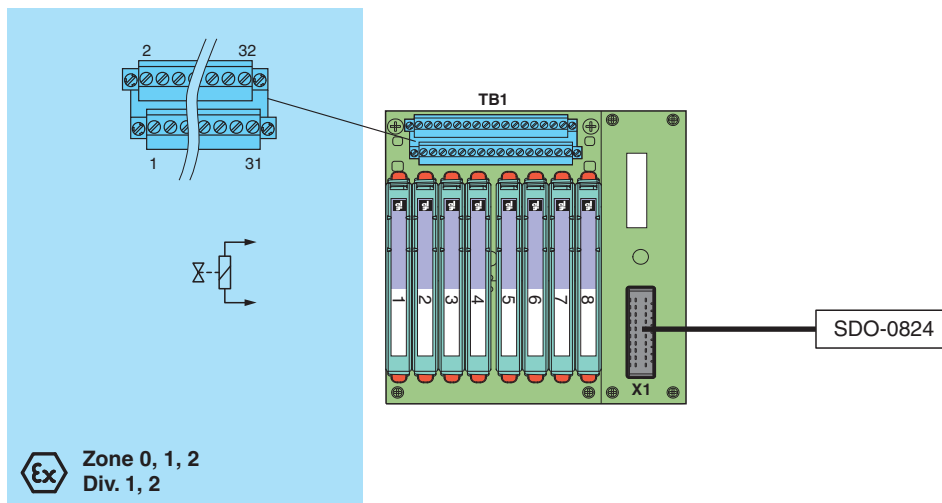
- System board for Honeywell Safety Manager
- For 8-channel DO card SDO-0824
- For 8 modules
- Recommended modules: HiC2871 (DO), HiC5861 (DO), HiC5863 (DO)
- Hazardous area: pluggable screw terminals, blue
- Non-hazardous area: SiC plug, 20-pin



Function

The function of the termination board and the connector pin assignment are exactly fitted to the requirements of the Honeywell system. The signal is output to the safety instrumented system via the system connector. The termination board has a robust plastic housing. The termination board is mounted in the switch cabinet on a 35 mm DIN mounting rail according to EN 60175.

Connection



Technical Data

Directive conformity

Electromagnetic compatibility

Directive 2014/30/EU

EN 61326-1:2013 (industrial locations)

Conformity

Electromagnetic compatibility

NE 21:2017
For further information see system description.

Degree of protection

IEC 60529:2001

Ambient conditions

Ambient temperature

-20 ... 60 °C (-4 ... 140 °F)

Storage temperature

-40 ... 70 °C (-40 ... 158 °F)

Mechanical specifications

Degree of protection

IP20

Technical Data

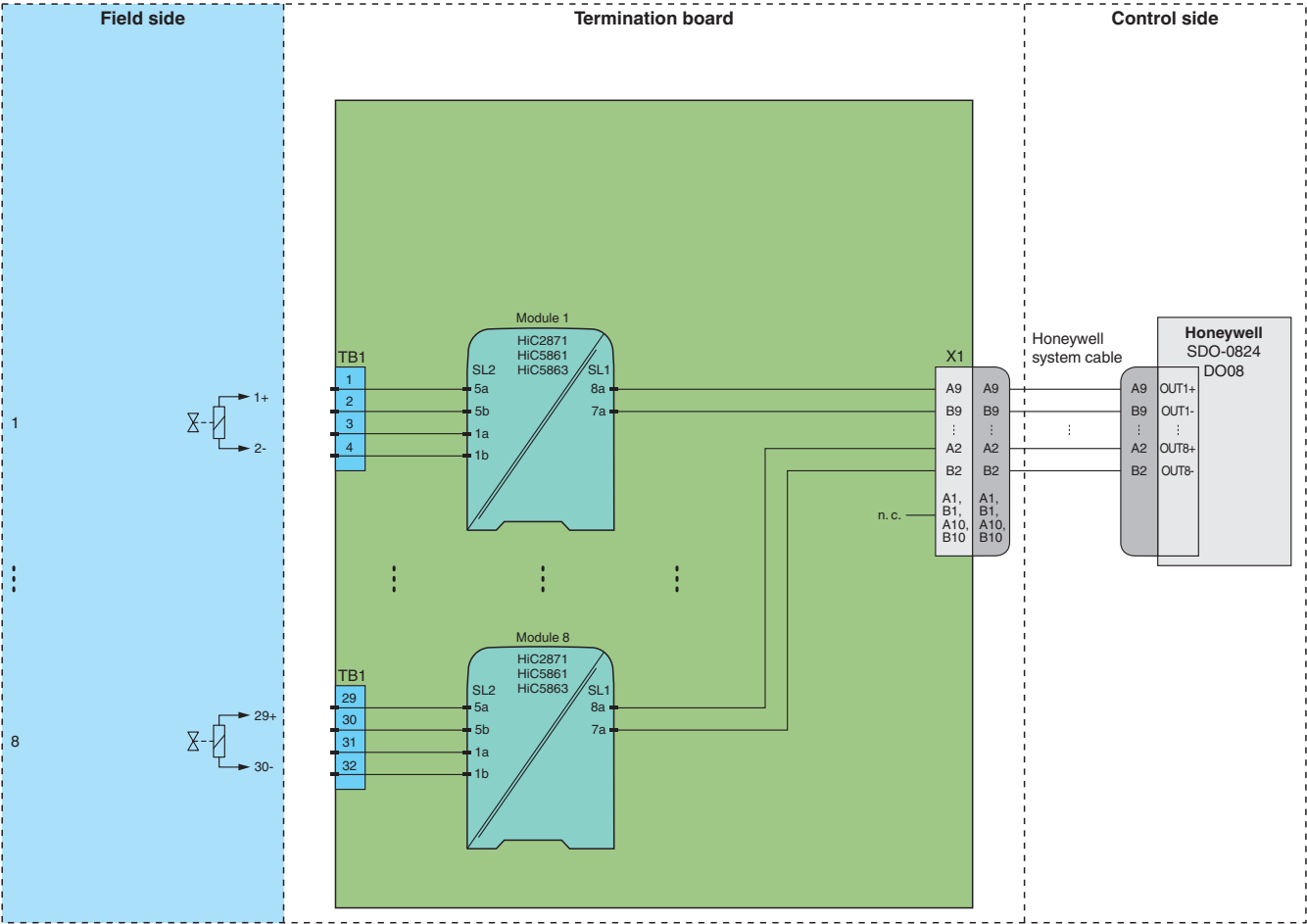
Connection		
Field side		explosion hazardous area: pluggable screw terminals , blue
Control side		non-explosion hazardous area: SiC plug, 20-pin
Core cross section		screw terminals: 0.25 ... 2.5 mm ² (24 ... 12 AWG)
Material		housing: polycarbonate
Mass		approx. 430 g
Dimensions		159 x 155 x 153 mm (6.3 x 6.1 x 6.0 inch) (W x H x D) , depth including module assembly
Mounting		on 35 mm DIN mounting rail acc. to EN 60715:2001
Data for application in connection with hazardous areas		
EU-type examination certificate		CESI 06 ATEX 022
Marking		Ⓜ II (1)G [Ex ia Ga] IIC Ⓜ II (1)D [Ex ia Da] IIIC Ⓜ I (M1) [Ex ia Ma] I
Non-hazardous area		
Maximum safe voltage		250 V (Attention! U _m is no rated voltage.)
Galvanic isolation		
Field circuit/control circuit		safe electrical isolation acc. to IEC/EN 60079-11, voltage peak value 375 V
Directive conformity		
Directive 2014/34/EU		EN IEC 60079-0:2018+AC:2020 , EN 60079-11:2012 , EN 50303:2000
International approvals		
UL approval		E106378
Control drawing		116-0327
IECEx approval		
IECEx certificate		IECEx CES 06.0003
IECEx marking		[Ex ia Ga] IIC [Ex ia Da] IIIC [Ex ia Ma] I
General information		
Supplementary information		Observe the certificates, declarations of conformity, instruction manuals, and manuals where applicable. For information see www.pepperl-fuchs.com .

Accessories

	HiALC-HICTF-SET-114	Label carrier for HiC termination boards
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Application

Typical circuit



Module switch settings

Type (DO)	
HiC2871, HiC5861, HiC5863	not available



For exact pin assignment for connection to field side and control side, see the documentation of the isolated barrier.



The pin-out configuration has to be observed. For information see corresponding pin-out table on www.pepperl-fuchs.com.