Features

Assembly

- System Board for HIMA, HIMax
- For 32-channel card X-DI 32 02 (DI)
- For 32 modules
- Recommended modules: HiC2831 (DI), HiC2853 (DI)
- 24 V DC supply
- Hazardous area: spring terminals, blue
- Safe area: HIMA system connector, 96-pin

Function

The function of the Termination Board and the connector pin assignment is exactly fitted to the requirements of HIMA system.

The signal is output to the process control system via the system connector.

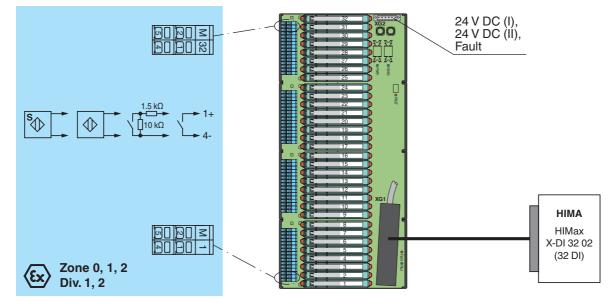
Information about missing supply voltage of the isolated barriers is available for the system as volt-free contact. Wiring errors from field will be reported via the same relay contact if the isolated barriers support this function.

The Termination Board has a robust glass fiber reinforced plastic housing.

The Termination Board is mounted in the switch cabinet on a 35 mm DIN mounting rail according to EN 60175.



Connection



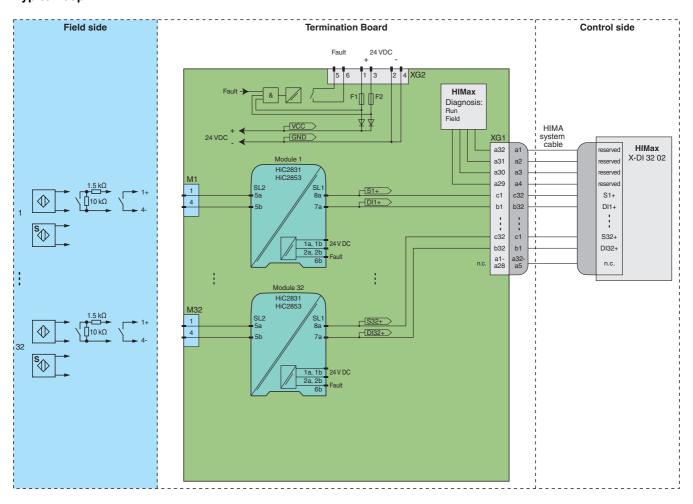
Release date 2015-05-0515:18 Date of issue 2015-05-05 269874_eng.xml

cable. LED Field, red LED				
Part	Supply			
Voltage drop corose he saries dode on the Termination Board must be considered Rippide	Connection	XG2: terminals 1, 3 (+); 2, 4 (-)		
Voltage drop corose he saries dode on the Termination Board must be considered Rippide	Rated voltage U _n	24 V DC , in consideration of rated voltage of used isolated barriers		
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Fueing	• •			
Power loss				
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Redundancy available. The supply for the modules is decoupled, monitored and fused.	Reverse polarity protection	yes		
Error message output	Redundancy			
Connection	Supply	Redundancy available. The supply for the modules is decoupled, monitored and fused.		
Connection	Error message output			
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Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see www.pepperfuchs.com.
Accessories	
Designation	optional accessories: Label Carrier HiALC-Hi*TB-SET-1**

Typical loop



Module switch settings

Туре	DIP switch	Position
HiC2831 (DI)	S1	II
Mode of operation: Normal	S2	1
 Input line fault detection: ON 	S3	no function
	S4	no function
HiC2853 (DI)	No user configuration available for this device.	

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