

PI-EX-MB-S/16-01-2/D-SUB


Order No.: 2865214



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Ex-i motherboard for accommodating 16 x PI-Ex supply, input or output isolating amplifier modules. With interface for connecting to HART multiplexer and D-SUB pin strip for connecting the analog signals to the control system level.



Commercial data	
GTIN (EAN)	 4 046356 148696
Note	Made-to-order
sales group	H783
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 475 (IF-2009)

Product notes

WEEE/RoHS-compliant since:
10/24/2007



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Technical data	
General data	
Nom. voltage	20 V DC ... 35 V DC (See nominal voltage, PI modules)
Width	247.7 mm
Height	127.5 mm

Depth	92 mm
Housing insulation material	Polyamide PA non-reinforced, polycarbonate PC, PVC
Inflammability class acc. to UL 94	V0
Color	green
Conformance	CE-compliant
ATEX	Ex II (1) GD [EEx ia] IIC
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 75 °C

Connection data

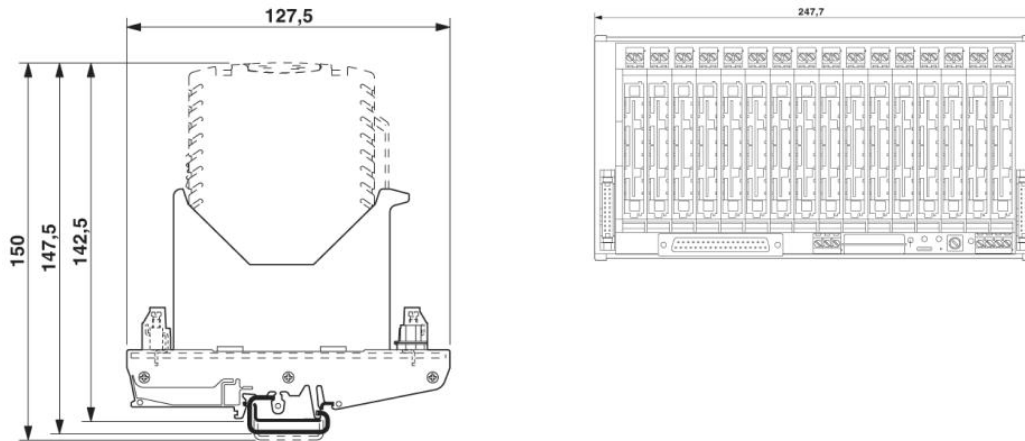
Connection 1	To the control system level
Connection method	37-pin D-SUB pin strip (DIN 41652 / IEC 807-2); max. perm. current = 1 A (30 V AC/DC)
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Screw thread	M3
Stripping length	8 mm
Connection 2	To the field level
Connection method	Screw connection
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Screw thread	M3
Stripping length	8 mm
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Certificates / Approvals

Certification Ex: KEMA-EX

Diagrams/Drawings

Dimensioned drawing



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