

Basic terminal block - PI-MB/16/3/D-SUB - 2835697

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Motherboard to accept 16 x PI-Nicht-Ex-i isolator modules (PI-N-...), three terminal points for the field side for every module, 37-pos. D-SUB pin strip for connection of the signals to the control system level, assembly on NS 32, or NS 35/7.5.



Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	912.2 GRM
Custom tariff number	85389091
Country of origin	Germany

Technical data

Dimensions

Width	247.7 mm
Height	127.5 mm
Depth	92 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 75 °C

General

Nom. voltage	20 V DC ... 35 V DC (See nominal voltage, PI modules)
Housing insulation material	Polyamide PA non-reinforced, polycarbonate PC
Inflammability class according to UL 94	V0
Color	green
Conformance	CE-compliant

Connection data

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Technical data

Connection data

Connection 1	To the control system level
Connection method	37-pos. D-SUB pin strip (DIN 41652 / IEC 807-2)
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

Classifications

eCl@ss

eCl@ss 4.0	27141127
eCl@ss 4.1	27141127
eCl@ss 5.0	27371603
eCl@ss 5.1	27371603
eCl@ss 6.0	27371603
eCl@ss 7.0	27371603
eCl@ss 8.0	27371603

ETIM

ETIM 2.0	EC000764
ETIM 3.0	EC001456

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Classifications

ETIM

ETIM 4.0	EC001456
ETIM 5.0	EC001456

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Drawings

Dimensioned drawing

