

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

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

Drawings

Dimensioned drawing

