

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# 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 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
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 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
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**

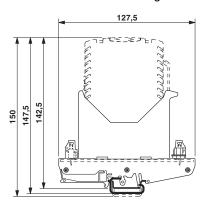
ETIM 4.0	EC001456
ETIM 5.0	EC001456

### UNSPSC

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

## Drawings

### Dimensioned drawing



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