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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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Ground terminal block with screw connection, cross section: 0.5 - $6~\text{mm}^2$, AWG: 20 - 8, width: 8.2~mm, color: green-yellow

Product description

Ground terminal block with screw connection, cross section: 0.5 - 6 mm², AWG: 20 - 8, width: 8.2 mm, color: green-yellow

Key commercial data

Packing unit	1
Minimum order quantity	50
GTIN	4 017918 002237
Weight per piece (including packing)	0.0 GRM
Weight per Piece (excluding packing)	29.09 GRM
Country of origin	GERMANY

Technical data

General

Number of levels	1
Number of connections	2
Color	green-yellow
Insulating material	PA
Inflammability class according to UL 94	V0

Dimensions

Width	8.2 mm
Length	42.5 mm
Height NS 35/7.5	47 mm
Height NS 35/15	54.5 mm
Height NS 32	52 mm

Technical data

Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-2



Technical data

Technical data

Nominal current IN	61 A
Open side panel	nein

Connection data

Conductor cross section solid max. Conductor cross section stranded min. Conductor cross section stranded min. Conductor cross section stranded max. Conductor cross section AWG/kcmil max Conductor cross section AWG/kcmil max Conductor cross section stranded, with ferrule without plastic sleeve min. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor with same cross section, solid min. 2 conductors with same cross section, solid max. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. Connection method Screw connection Stripping length 10 mm Internal cylindrical gage A5 Screw thread M4 Tightening torque, min 1,5 Nm	Conductor cross section solid min.	0.5 mm ²
Conductor cross section stranded min. Conductor cross section AWG/kcmil min. Conductor cross section AWG/kcmil max Conductor cross section AWG/kcmil max Conductor cross section AWG/kcmil max Conductor cross section stranded, with ferrule without plastic sleeve min. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve max. 2 conductor section stranded, with ferrule with plastic sleeve max. 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 2 conductors with same cross section, stranded max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. Conductors with same cross section, stranded, ferrules without plastic sleeve, max. Conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. Conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. Conductors with same cross section, stranded, ferrules without plastic sleeve, max. Conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. Conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors w		
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Conductor cross section stranded, with ferrule without plastic sleeve min. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve max. 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. Connection method Screw connection Stripping length Internal cylindrical gage A5 Screw thread M4 Tightening torque, min 1.5 Nm	Conductor cross section AWG/kcmil min.	20
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Seleve max. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve max. 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 2 conductors with same cross section, stranded max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. Connection method Screw connection Stripping length Internal cylindrical gage A5 Screw thread M4 Tightening torque, min	·	0.5 mm ²
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2 conductors with same cross section, stranded max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 4 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. Connection method Screw connection Stripping length 10 mm Internal cylindrical gage A5 Screw thread M4 Tightening torque, min 1.5 Nm	2 conductors with same cross section, solid max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 4 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. Connection method Screw connection Stripping length 10 mm Internal cylindrical gage A5 Screw thread M4 Tightening torque, min 1.5 Nm	2 conductors with same cross section, stranded min.	0.5 mm ²
with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. Connection method Screw connection Stripping length 10 mm Internal cylindrical gage A5 Screw thread M4 Tightening torque, min 1.5 Nm	2 conductors with same cross section, stranded max.	2.5 mm ²
with plastic sleeve, max. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. Connection method Screw connection Stripping length Internal cylindrical gage A5 Screw thread M4 Tightening torque, min O.5 mm² 2.5 mm² 2.5 mm² A5 M4 Tightening torque, min 1.5 Nm		0.5 mm ²
plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. Connection method Screw connection Stripping length Internal cylindrical gage A5 Screw thread M4 Tightening torque, min O.STIIIII 2.5 mm² 2.5 mm² A5 M4 Tightening torque, min O.STIIIII ABA Tightening torque, min O.STIIIII Tightening torque, min O.STIIIII Tightening torque, min		4 mm²
plastic sleeve, max. Connection method Screw connection Stripping length 10 mm Internal cylindrical gage A5 Screw thread M4 Tightening torque, min 1.5 Nm		0.5 mm²
Stripping length 10 mm Internal cylindrical gage A5 Screw thread M4 Tightening torque, min 1.5 Nm		2.5 mm²
Internal cylindrical gage A5 Screw thread M4 Tightening torque, min 1.5 Nm	Connection method	Screw connection
Screw thread M4 Tightening torque, min 1.5 Nm	Stripping length	10 mm
Tightening torque, min 1.5 Nm	Internal cylindrical gage	A5
	Screw thread	M4
Tightening torque max 1.8 Nm	Tightening torque, min	1.5 Nm
	Tightening torque max	1.8 Nm

Classifications

eclass

eClass 4.0	27141120
eClass 4.1	27141120
eClass 5.0	27141120
eClass 5.1	27141120
eClass 6.0	27141120



Classifications

etim

ETIM 2.0	EC000901	
ETIM 3.0	EC000901	
ETIM 4.0	EC000901	
unspsc		

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

Approvals

Certificates

Certification

 ${\tt CSA/UL\ Recognized/GOST/LR/BV/DNV/RS/PRS/NK/GOST/cULus\ Recognized}$

Certification EX

Certification submitted

Approval details

CSA	
mm²/AWG/kcmil	26-8

UL Recognized	
mm²/AWG/kcmil	26-8

cUL Recognized	
mm²/AWG/kcmil	26-8

GOST		

LR		



Approvals

BV	
DNV	
RS	
PRS	
NK	
GOST	
cULus Recognized	

Accessories

Accessories

Assembly

DIN rail - NS 32 AL UNPERF 2000MM - 1201028



G rail 32 mm (NS 32)

DIN rail - NS 32 UNPERF 2000MM - 1201015

G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m



DIN rail - NS 32 PERF 2000MM - 1201002



G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m $\,$



Accessories

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000

DIN rail perforated - NS 35/7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 n

DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

Marking

Zack marker strip - ZB 8:SO/CMS - 1050512



Zack marker strip, white, For terminal block width: 8 mm

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