

3064138

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Component terminal block, with integrated diode, nominal current: 0.5 A, number of connections: 2, connection method: Screw connection, Rated cross section: 2.5 mm², cross section: 0.14 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: red

Commercial data

Item number	3064138
Packing unit	50 pc
Minimum order quantity	1 pc
Product key	BE1172
GTIN	4055626320687
Weight per piece (including packing)	9.595 g
Weight per piece (excluding packing)	9.595 g
Country of origin	PL



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Technical data

Notes

General	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5
	A.

Product properties

Product type	Component terminal block
Number of connections	2
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated insulation voltage	800 V
Rated surge voltage	8 kV

Connection data

Number of connections per level 2 Nominal cross section 2.5 mm² Connection method Screw connection Screw thread M3 Tightening torque 0.5 0.6 Nm Stripping length 9 mm Internal cylindrical gage A3 Conductor cross-section rigid 0.14 mm² 4 mm² Cross section AWG 26 12 (converted acc. to IEC) Conductor cross-section flexible 0.14 mm² 4 mm² Conductor cross-section, flexible [AWG] 26 12 (converted acc. to IEC) Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² 2.5 mm² Flexible conductor cross-section (ferrule with plastic sleeve) 0.14 mm² 2.5 mm² 2 conductors with same cross section, solid 0.14 mm² 1.5 mm² 2 conductors with same cross section, flexible 0.14 mm² 1.5 mm² 2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.14 mm² 1.5 mm² 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² 1.5 mm² Nominal current 0.5 A Maximum load current 0.5 A Nominal cross section 2.5 mm² Component type Diode 1N4007		
Connection method Screw thread M3 Tightening torque 0.5 0.6 Nm Stripping length Internal cylindrical gage A3 Conductor cross-section rigid 0.14 mm² 4 mm² Cross section AWG 26 12 (converted acc. to IEC) Conductor cross-section flexible Conductor cross-section flexible [AWG] Conductor cross-section flexible [ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) 1.4 mm² 2.5 mm² 2 conductor cross-section, flexible with out plastic sleeve) 2 conductors with same cross section, solid 0.14 mm² 2.5 mm² 2 conductors with same cross section, flexible 0.14 mm² 1.5 mm² 2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.14 mm² 1.5 mm² 0.14 mm² 1.5 mm² 0.15 mm² 1.5 mm² 1.5 mm² 0.5 A Maximum load current 0.5 A Nominal curses section 0.5 A Nominal cross section	Number of connections per level	2
Screw thread M3 Tightening torque 0.5 0.6 Nm Stripping length 9 mm Internal cylindrical gage A3 Conductor cross-section rigid 0.14 mm² 4 mm² Cross section AWG 26 12 (converted acc. to IEC) Conductor cross-section flexible 0.14 mm² 4 mm² Conductor cross-section flexible [AWG] 26 12 (converted acc. to IEC) Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² 2.5 mm² Flexible conductor cross-section (ferrule with plastic sleeve) 0.14 mm² 2.5 mm² 2 conductors with same cross section, solid 0.14 mm² 1.5 mm² 2 conductors with same cross section, flexible 0.14 mm² 1.5 mm² 2 conductors with same cross section, flexible 0.14 mm² 1.5 mm² 2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.14 mm² 1.5 mm² 2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.14 mm² 1.5 mm² 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 A Maximum load current 0.5 A Nominal cross section 0.5 A Nominal cross section 0.5 A Nominal cross section 0.5 A	Nominal cross section	2.5 mm ²
Tightening torque 0.5 0.6 Nm Stripping length 9 mm Internal cylindrical gage A3 Conductor cross-section rigid 0.14 mm² 4 mm² Cross section AWG 26 12 (converted acc. to IEC) Conductor cross-section flexible 0.14 mm² 4 mm² Conductor cross-section flexible [AWG] 26 12 (converted acc. to IEC) Conductor cross-section, flexible [AWG] 26 12 (converted acc. to IEC) Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² 2.5 mm² Flexible conductor cross-section (ferrule with plastic sleeve) 0.14 mm² 2.5 mm² 2 conductors with same cross section, solid 0.14 mm² 1.5 mm² 2 conductors with same cross section, flexible 0.14 mm² 1.5 mm² 2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.5 mm² 1.5 mm² Conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² 1.5 mm² Nominal current 0.5 A Nominal cross section 2.5 mm²	Connection method	Screw connection
Stripping length Internal cylindrical gage A3 Conductor cross-section rigid 0.14 mm² 4 mm² Cross section AWG 26 12 (converted acc. to IEC) Conductor cross-section flexible 0.14 mm² 4 mm² Conductor cross-section flexible [AWG] 26 12 (converted acc. to IEC) Conductor cross-section, flexible [AWG] 26 12 (converted acc. to IEC) Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² 2.5 mm² Flexible conductor cross-section (ferrule with plastic sleeve) 0.14 mm² 2.5 mm² 2 conductors with same cross section, solid 0.14 mm² 1.5 mm² 2 conductors with same cross section, flexible 0.14 mm² 1.5 mm² 0.14 mm² 1.5 mm² 0.14 mm² 1.5 mm² Conductors with same cross section, flexible, with ferrule without plastic sleeve 0.15 mm² 1.5 mm² 0.5 mm² 1.5 mm² Conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 A 0.5 A 0.5 A 0.5 A 0.5 mm²	Screw thread	M3
Internal cylindrical gage Conductor cross-section rigid Cross section AWG 26 12 (converted acc. to IEC) Conductor cross-section flexible 0.14 mm² 4 mm² Conductor cross-section flexible Conductor cross-section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor cross-section (ferrule with plastic sleeve) Conductor cross-section (ferrule with plastic sleeve) 10.14 mm² 2.5 mm² 2 conductors with same cross section, solid 10.14 mm² 1.5 mm² 2 conductors with same cross section, flexible 2 conductors with same cross section, flexible, with ferrule without plastic sleeve 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 0.5 A Maximum load current 0.5 mm² 2.5 mm²	Tightening torque	0.5 0.6 Nm
Conductor cross-section rigid Cross section AWG 26 12 (converted acc. to IEC) Conductor cross-section flexible 0.14 mm² 4 mm² Conductor cross-section flexible [AWG] 26 12 (converted acc. to IEC) Conductor cross-section flexible [AWG] 26 12 (converted acc. to IEC) Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² 2.5 mm² Flexible conductor cross-section (ferrule with plastic sleeve) 0.14 mm² 2.5 mm² 2 conductors with same cross section, solid 0.14 mm² 1.5 mm² 2 conductors with same cross section, flexible 0.14 mm² 1.5 mm² 2 conductors with same cross section, flexible, with ferrule without plastic sleeve 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 0.5 A Maximum load current 0.5 M Nominal cross section 2.5 mm²	Stripping length	9 mm
Cross section AWG 26 12 (converted acc. to IEC) Conductor cross-section flexible 0.14 mm² 4 mm² Conductor cross-section, flexible [AWG] 26 12 (converted acc. to IEC) Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² 2.5 mm² Flexible conductor cross-section (ferrule with plastic sleeve) 2 conductors with same cross section, solid 0.14 mm² 2.5 mm² 2 conductors with same cross section, flexible 2 conductors with same cross section, flexible 2 conductors with same cross section, flexible, with ferrule without plastic sleeve 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 0.5 M Maximum load current 0.5 M Nominal cross section 2.5 mm²	Internal cylindrical gage	A3
Conductor cross-section, flexible [AWG] 26 12 (converted acc. to IEC) Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² 2.5 mm² Flexible conductor cross-section (ferrule with plastic sleeve) 0.14 mm² 2.5 mm² 2 conductors with same cross section, solid 0.14 mm² 1.5 mm² 2 conductors with same cross section, flexible 0.14 mm² 1.5 mm² 2 conductors with same cross section, flexible 0.14 mm² 1.5 mm² 2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.14 mm² 1.5 mm² Conductors with same cross section, flexible, with ferrule without plastic sleeve 0.5 mm² 1.5 mm² Conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² 1.5 mm² Conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² 1.5 mm²	Conductor cross-section rigid	0.14 mm² 4 mm²
Conductor cross-section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Flexible conductor cross-section (ferrule with plastic sleeve) 2 conductors with same cross section, solid 2 conductors with same cross section, flexible 2 conductors with same cross section, flexible 2 conductors with same cross section, flexible, with ferrule without plastic sleeve 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 0.5 A Maximum load current 0.5 A Nominal cross section 2.5 mm²	Cross section AWG	26 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve) Plexible conductor cross-section (ferrule with plastic sleeve) 2 conductors with same cross section, solid 2 conductors with same cross section, flexible 2 conductors with same cross section, flexible 3 conductors with same cross section, flexible, with ferrule 4 conductors with same cross section, flexible, with ferrule 5 conductors with same cross section, flexible, with ferrule 6 conductors with the same cross section, flexible, with TWIN 7 conductors with the same cross section, flexible, with TWIN 8 conductors with plastic sleeve 9 conductors with the same cross section, flexible, with TWIN 9 conductors with the same cross section, flexible, with TWIN 9 conductors with the same cross section, flexible, with TWIN 10 conductors with same cross section, flexible, with TWIN 10 conductors with same cross section, flexible, with TWIN 10 conductors with same cross section, flexible, with TWIN 10 conductors with same cross section, flexible, with TWIN 10 conductors with same cross section, flexible, with ferrule 2 conductors with same cross section, flexible, with ferrule 3 conductors with same cross section, flexible, with ferrule 4 conductors with same cross section, flexible, with ferrule 5 conductors with same cross section, flexible, with ferrule 6 conductors with same cross section, flexible, with ferrule 7 conductors with same cross section, flexible, with ferrule 8 conductors with same cross section, flexible, with ferrule 9 conductors with same cross section, flexible, with ferrule 9 conductors with same cross section, flexible, with ferrule 9 conductors with same cross section, flexible, with ferrule 9 conductors with same cross section, flexible, with ferrule 9 conductors with same cross section, flexible, with ferrule 9 conductors with same cross section, flexible, with ferrule 9 conductors with same cross section, flexible, with ferrule 9 conductors with same cross section, flexible, with ferrule 9 cond	Conductor cross-section flexible	0.14 mm² 4 mm²
Flexible conductor cross-section (ferrule with plastic sleeve) 2 conductors with same cross section, solid 2 conductors with same cross section, flexible 2 conductors with same cross section, flexible 3 conductors with same cross section, flexible, with ferrule 4 conductors with same cross section, flexible, with ferrule 5 conductors with same cross section, flexible, with ferrule 6 conductors with the same cross section, flexible, with TWIN 7 conductors with plastic sleeve 8 conductors with the same cross section, flexible, with TWIN 8 conductors with plastic sleeve 9 conductors with the same cross section, flexible, with TWIN 9 conductors with plastic sleeve 1 conductors with same cross section, flexible, with TWIN 1 conductors with same cross section, flexible, with TWIN 1 conductors with same cross section, flexible, with TWIN 1 conductors with same cross section, flexible, with TWIN 2 conductors with same cross section, flexible, with TWIN 2 conductors with same cross section, flexible, with TWIN 2 conductors with same cross section, flexible, with ferrule 2 conductors with same cross section, flexible, with TWIN 2 conductors with same cross section, flexible, with TWIN 2 conductors with same cross section, flexible, with TWIN 3 conductors with same cross section, flexible, with TWIN 4 conductors with same cross section, flexible, with TWIN 5 conductors with same cross section, flexible, with TWIN 6 conductors with same cross section, flexible, with TWIN 6 conductors with same cross section, flexible, with TWIN 6 conductors with same cross section, flexible, with TWIN 6 conductors with same cross section, flexible, with TWIN 6 conductors with same cross section, flexible, with TWIN 6 conductors with same cross section, flexible, with TWIN 6 conductors with same cross section, flexible, with TWIN 6 conductors with same cross section, flexible, with TWIN 6 conductors with same cross section, flexible, with TWIN 6 conductors with same cross section, flexible, with TWIN 6 co	Conductor cross-section, flexible [AWG]	26 12 (converted acc. to IEC)
2 conductors with same cross section, solid 2 conductors with same cross section, flexible 2 conductors with same cross section, flexible, with ferrule without plastic sleeve 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 0.5 A Maximum load current 0.5 A Nominal cross section 2 conductors with same cross section, flexible, with TWIN 0.5 mm² 1.5 mm² 0.5 A Nominal cross section 2.5 mm²	Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm² 2.5 mm²
2 conductors with same cross section, flexible 2 conductors with same cross section, flexible, with ferrule without plastic sleeve 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 0.5 A Maximum load current 0.5 A Nominal cross section 2.5 mm²	Flexible conductor cross-section (ferrule with plastic sleeve)	0.14 mm² 2.5 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 0.5 A Maximum load current 0.5 A Nominal cross section 2.5 mm²	2 conductors with same cross section, solid	0.14 mm² 1.5 mm²
without plastic sleeve 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 0.5 A Maximum load current 0.5 A Nominal cross section 2.5 mm²	2 conductors with same cross section, flexible	0.14 mm² 1.5 mm²
ferrule with plastic sleeve Nominal current 0.5 A Maximum load current 0.5 A Nominal cross section 2.5 mm²	• • • • • • • • • • • • • • • • • • • •	0.14 mm² 1.5 mm²
Maximum load current 0.5 A Nominal cross section 2.5 mm²		0.5 mm² 1.5 mm²
Nominal cross section 2.5 mm ²	Nominal current	0.5 A
	Maximum load current	0.5 A
Component type Diode 1N4007	Nominal cross section	2.5 mm²
	Component type	Diode 1N4007



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Reverse voltage	1300 V
Dimensions	
Width	5.2 mm
End cover width	2.2 mm
Material specifications	
Color	red
Flammability rating according to UL 94	V0
Insulating material group	I I
Insulating material	PA
Mechanical properties Mechanical data	
Open side panel	Yes
Mounting	
Mounting type	NS 35/7,5



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Drawings

Circuit diagram





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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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