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Ground terminal, When aligned with a feed-through terminal block of the same shape, a partition plate must be used for insulation voltages > 250 V, number of connections: 2, connection method: Screw connection, 1 level, cross section: 0.2 mm^2 - 4 mm^2 , mounting method: PE foot with mounting screw, M3, mounting type: NS 15, color: green-yellow

Commercial data

Item number	0452014
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	0112*
Product key	BE1261
Catalog page	Page 523 (CL1-2011)
GTIN	4017918002367
Weight per piece (including packing)	12.445 g
Weight per piece (excluding packing)	12.445 g
Customs tariff number	85369010
Country of origin	PL



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Technical data

Notes

General	When aligned with a feed-through terminal block of the same
	shape, a partition plate must be used for insulation voltages >
	250 V

Product properties

Product type	Ground terminal block
Number of connections	2
Number of rows	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.02 W

Connection data

Number of connections per level	2
Nominal cross section	4 mm²

1 level

Screw thread	M3
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	0.6 0.8 Nm
Stripping length	8 mm
Internal cylindrical gage	A3
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section rigid	0.2 mm² 4 mm²
Cross section AWG	24 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm² 4 mm²
Conductor cross section, flexible [AWG]	24 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² 4 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm² 2.5 mm²

Dimensions

Width	9.2 mm
Width	8.2 mm

Material specifications

Color	green-yellow
Flammability rating according to UL 94	V2
Insulating material group	I



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Insulating material	PA
Static insulating material application in cold	-40 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Relative insulation material temperature index (Elec., UL 746 B)	125 °C

Mechanical properties

General

Terminal block mounting	0.6 Nm 0.8 Nm (PE foot with mounting screw, M3)
Mechanical data	
Open side panel	No

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C 70 °C
Ambient temperature (actuation)	-5 °C 70 °C
Permissible humidity (operation)	20 % 90 %
Permissible humidity (storage/transport)	30 % 70 %

Standards and regulations

Connection in acc. with standard	IEC 60947-7-2
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Mounting

Mounting type	NS 15
Terminal block mounting	0.6 Nm 0.8 Nm (PE foot with mounting screw, M3)

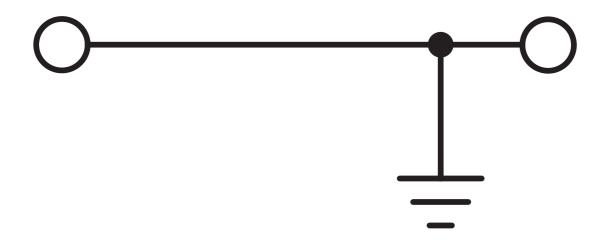


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Drawings

Circuit diagram





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Classifications

ECLASS

	ECLASS-11.0	27141141		
	ECLASS-13.0	27250103		
ETIM				
	ETIM 9.0	EC000901		
UNSPSC				
UNSFSC				
	UNSPSC 21.0	39121400		



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Environmental product compliance

EU RoHS

20 1.6.10			
Fulfills EU RoHS substance requirements	Yes, No exemptions		
China RoHS			
Environment friendly use period (EFUP)	EFUP-E		
	No hazardous substances above the limits		
EU REACH SVHC			
REACH candidate substance (CAS No.)	4-Nonylphenol, branched and linear(CAS: n/a)		
SCIP	bda89ecf-6586-46ab-a888-d7e558a25a01		

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