

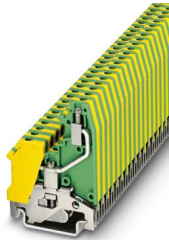
UK 5-RETURN-PE - Protective conductor terminal block



3002584

<https://www.phoenixcontact.com/us/products/3002584>

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Ground terminal block with screw connection, cross section: 0.2 ... 4 mm², AWG: 24 ... 10, width: 6.2 mm, color: green-yellow

Commercial data

Item number	3002584
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BE12
Product key	BE1221
GTIN	4017918090357
Weight per piece (including packing)	20.99 g
Weight per piece (excluding packing)	20.99 g
Customs tariff number	85369010
Country of origin	PL

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Technical data

Product properties

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

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
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Connection data

Grounding foot	Yes
Number of connections per level	2

Level 1 above 1 below 1

Connection method	Screw connection
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	A4
Conductor cross-section rigid	0.2 mm ² ... 6 mm ²
Cross section AWG	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm ² ... 4 mm ²
Conductor cross-section, flexible [AWG]	24 ... 8 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 4 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm ² ... 2.5 mm ²
Cross section AWG	30 ... 12 (converted acc. to IEC)

Dimensions

Width	6.2 mm
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Material specifications

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

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Mechanical properties

General

Terminal block mounting	0.5 Nm ... 0.6 Nm (PE foot with mounting screw, M2.5)
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Mechanical data

Open side panel	No
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Mounting

Mounting type	NS 35/7,5
	NS 35/15
	NS 32
Terminal block mounting	0.5 Nm ... 0.6 Nm (PE foot with mounting screw, M2.5)

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Drawings

Circuit diagram



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Classifications

UNSPSC

UNSPSC 21.0	39121410
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

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.)	4-Nonylphenol, branched and linear(CAS: n/a)
	Lead(CAS: 7439-92-1)

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