

UK 3-TWIN-PE - Ground terminal



1923128

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1-level ground modular terminal block with single-sided double connection, cross section: 0.2 - 2.5 mm², width: 5.2 mm, color: green-yellow

Your advantages

- Same shape and pitch as the feed-through terminal blocks
- Universal protective conductor foot for mounting on NS 35... or NS 32... DIN rails (with the exception of NS 35/15-2,3)

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Technical data

Product properties

Product type	Ground terminal block
Number of connections	3
Number of rows	2

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	0.77 W

Connection data

Grounding foot	Yes
Number of connections per level	3
Nominal cross section	2.5 mm ²

1 level

Screw thread	M3
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	0.5 ... 0.6 Nm
Stripping length	8 mm
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section rigid	0.2 mm ² ... 2.5 mm ²
Cross section AWG	24 ... 14 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section, flexible [AWG]	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 1.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 1 mm ²
Cross-section with insertion bridge, rigid	4 mm ²
Cross-section with insertion bridge, flexible	4 mm ²

Dimensions

Width	5.2 mm
Height	50.5 mm
Depth on NS 32	52 mm
Depth on NS 35/7,5	47 mm
Depth on NS 35/15	54.5 mm

Material specifications

Color	green-yellow
Flammability rating according to UL 94	V0

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Insulating material group	I
Insulating material	PA
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	0.5 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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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 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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