

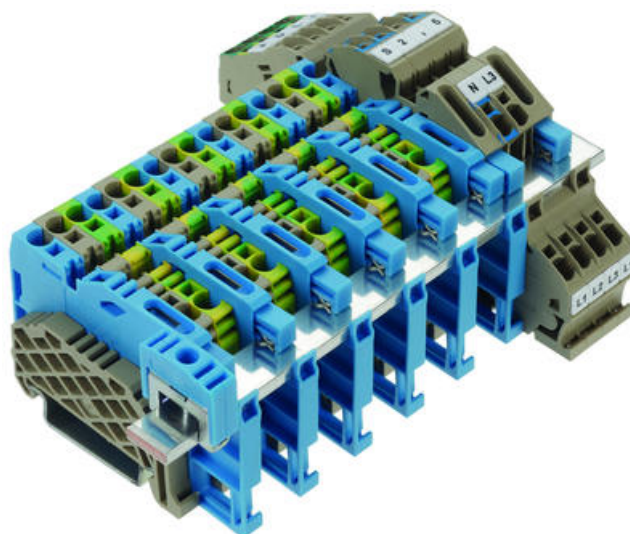
INSTALLATION TERMINALS - FRKI

FRKI

3276.2

FRKI 2.5-4 Beige, 4mm² Installation feed through, push-in

- Compact
- Quick & easy installation
- Polyamide 6.6-V0



PRODUCT DESCRIPTION

The FNT neutral disconnect terminals feature an integral mounting post for attaching the 10x3-mm neutral busbar.

No additional plates or fixings are required, as a secure contact to the busbar is made using the no-screw slider for the neutral conductor.

With the FSLI protective earth terminals, the PE potential is connected via the PE foot (which contacts the DIN rail on both sides).

Solid wires and flexible wires with wire-end ferrules can be inserted into the connection mechanism without the need for tools.

The pressure spring opens automatically when the wire is inserted; this ensures a secure contact with the busbar.

A standard screwdriver can be used to open the clamp for release and for the insertion of stranded wire without ferrules.

This range can also be combined with the FDLIS three-level installation terminal range.

The one-level terminals – FRKI, FSLI, and FNT – can be used in combination with the three-level FDLIS installation terminals, as the height of the neutral busbar is identical in both versions.

Where the neutral busbar is not being used with the 16mm terminals, there is the FRK16 in the standard range, this has a central din rail mounting foot and provides a symmetrical layout.

TECHNICAL DATA

GENERAL DATA

Rated wire cross section	4 mm ²
Colour	Beige
Rated voltage IEC	800 V
Rated current IEC	32 A
Mounting	TS 35
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Approvals	CSA, CSA US, KEMA KUR, EAC

DIMENSIONS

Length	52,5 mm
Width	5,1 mm
Height TS 35/7.5	38,5 mm
Height	37,5 mm

CONNECTION DATA

Connections	2
Number of levels	1
Plug gauge acc. EN 60 947-1	A4
Cross connect channels	2
Cross section single wire from	0,5 mm ²
Cross section single wire to	6 mm ²
Cross section stranded wire from	0,6 mm ²
Cross section stranded wire to	6 mm ²
Cross section stranded with ferrule from	0,5 mm ²
Cross section stranded with ferrule to	4 mm ²
Rated wire cross section from (AWG)	20
Rated wire cross section to (AWG)	10
Stripping length	12 mm

MATERIALS

Insulation material	Polyamide 6.6
Flammability class	UL94-V0
Operating temperature from	-40 °C
Operating temperature to	120 °C

APPROVALS

Rated voltage CSA	600 V
Rated current CSA	28 A
CSA test standard	C22.2 No 158
Rated voltage CSAus	600 V
Rated current CSAus	28 A
CSAus test standard	UL 1059
EAC test standard	TR ZU 004/2011
KEMA KEUR test standard	EN 60947-7-1:2009

ADDITIONAL DATA

Tariff code	85369010
Country of origin	BG
Weight	8,25 g
Pack size	100