

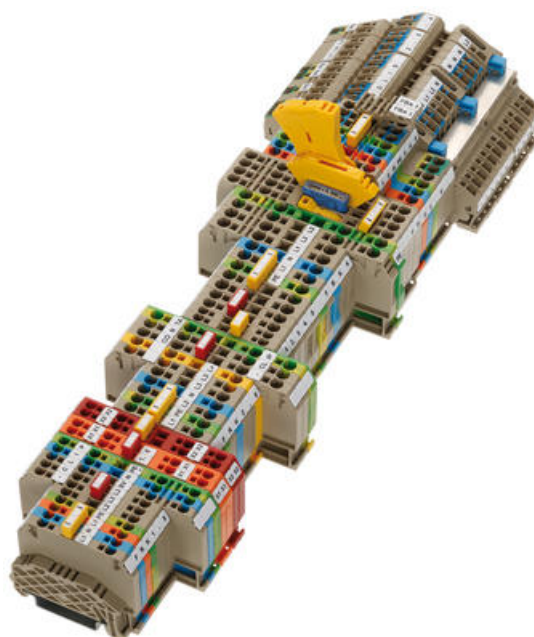
FEED THROUGH TERMINALS - FRK 1.5-16MM²

FRK

3294.5

FRK 16/2A Blue, 16mm² Push-in feed through

- Wiring without tools
- Material polyamide 6.6
- Temperature resistance -40 °C...+120 °C
- Flammability class V0
- See also FRKI for additional sizes



PRODUCT DESCRIPTION

The FRK series is the 1st generation of an innovative range of push-in connection terminals. It ranges from the smallest cross-section of 0.2 mm² to 16 mm² in feed-through and snap on Earths, disconnect, fuse and installation terminals. The push-in connection enables a safe and fast connection of rigid and flexible conductors with wire end ferrules. The clever range of accessories significantly reduces assembly and storage costs. With the pluggable potential distribution systems FQI, potentials can be easily multiplied. The compact FRKI range completes the offer with 6 -10mm compact terminals to complement the FRK offer.

TECHNICAL DATA

GENERAL DATA

Rated wire cross section

16 mm²

Colour	Blue
Rated voltage IEC	1000 V
Rated current IEC	76 A
Mounting	TS 35
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Approvals	EAC

DIMENSIONS

Length	72,4 mm
Width	12,1 mm
Height TS 35/7.5	49 mm
Height	48 mm

CONNECTION DATA

Connections	2
Number of levels	1
Plug gauge acc. EN 60 947-1	A7
Cross connect channels	2
Cross section single wire from	2,5 mm ²
Cross section single wire to	25 mm ²
Cross section stranded wire from	2,5 mm ²
Cross section stranded wire to	25 mm ²
Cross section stranded with ferrule from	2,5 mm ²
Cross section stranded with ferrule to	16 mm ²
Rated wire cross section from (AWG)	14
Rated wire cross section to (AWG)	4
Stripping length	18 mm

MATERIALS

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

APPROVALS

Rated voltage UL	600 V
Rated current UL	75 A
UL test standard	UL 1059
Rated voltage cUL	75 V
Rated current cUL	600 A
cUL test standard	C22.2 No 158
EAC test standard	TR ZU 004/2011
KEMA KEUR test standard	EN 60947-7-1:2009

ADDITIONAL DATA

Tariff code	85369010
Country of origin	CZ
Weight	35 g
Pack size	50

