

FEED THROUGH TERMINALS - RK 2.5-240MM²

RK

1001.0

RK 2.5-4 Brown, 4mm² Feed through, multi-foot

- Screw in cross connectors
- Material polyamide 6.6 - UL94-V2
- Various colour options
- Temperature resistance -40 °C...+105 °C
- Multi-foot TS35/TS32 options



PRODUCT DESCRIPTION

These RK feed-through terminals are robust DIN-rail screw-type connectors designed for wire-to-wire feed-through applications, supporting cable cross-sections from 2.5 mm² up to 240 mm². The polyamide 6.6 housing meets UL 94 V-2 flammability standards and operates reliably from -40 °C to +105 °C. They are rated for up to 800 V in accordance with IEC and support currents up to 24 A for the 2.5 mm² variant, with larger versions reaching significantly higher capacities. Features include a standard slotted or Allen screw, a tightening torque minimum of 0.4 Nm and maximum of 0.8 Nm, and compatible mounting on TS 32 and TS 35 rails. With pollution degree 3 and over-voltage category III rating, they meet rigorous industrial electrical safety requirements. These feed-through terminals are ideal for extending or routing power and signal conductors cleanly through control cabinets, switchgear, and distribution blocks. They simplify wiring by accommodating bi-directional conductor entries, enabling seamless in/out cable connections without additional jumper wiring. The screw connection ensures strong contact and long-term reliability even under vibration. Thanks to wide conductor range compatibility, including ferrules and solid wires, and modular width options, RK terminals optimise space usage and installation flexibility in panel builds, machinery interfaces, and industrial automation systems. Their resilience makes them well-suited for demanding environments in manufacturing, energy distribution, and process control.

TECHNICAL DATA

GENERAL DATA

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

DIMENSIONS

Length	48 mm
Width	6 mm
Height TS 35/7.5	47 mm
Height TS 32	51.5 mm

CONNECTION DATA

Connections	2
Number of levels	1
Plug gauge acc. EN 60 947-1	A4
Cross connect channels	1
Number of test pick off options	1
Cross section single wire from	0.2 mm ²
Cross section single wire to	6 mm ²
Cross section stranded wire from	0.2 mm ²
Cross section stranded wire to	6 mm ²
Cross section stranded with ferrule from	0.2 mm ²
Cross section stranded with ferrule to	4 mm ²
Rated wire cross section from (AWG)	22
Rated wire cross section to (AWG)	11
Stripping length	12 mm
Screw size	M 3
Screw type	Slotted
Torque min	0.5
Torque max	1

MATERIALS

Insulation material	Polyamide 6.6
Flammability class	UL94-V2
Operating temperature from	-40 °C
Operating temperature to	105 °C

APPROVALS

UL test standard	UL 1059
Rated voltage CSA	600 V
Rated current CSA	40 A

CSA test standard	C22.2 No 158
GL test standard	IEC 60947-7-1:2002
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	10.42 g
Pack size	100
Type of terminal	Screw Terminals, DIN Rail terminals

