

## FEED THROUGH TERMINALS - RK 2.5-240MM<sup>2</sup>

RK

1296.0  
 RK 2.5 Brown, 2.5mm<sup>2</sup> 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 mm<sup>2</sup> up to 240 mm<sup>2</sup>. 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 mm<sup>2</sup> 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	2.5 mm <sup>2</sup>
Colour	Brown
Rated voltage IEC	800 V
Rated current IEC	24 A
Mounting	TS 35
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Approvals	UL, CSA US, cUL, EAC

### DIMENSIONS

<b>Length</b>	48 mm
<b>Width</b>	5 mm
<b>Height TS 35/7.5</b>	47 mm
<b>Height TS 32</b>	51.5 mm

## CONNECTION DATA

<b>Connections</b>	2
<b>Number of levels</b>	1
<b>Plug gauge acc. EN 60 947-1</b>	A3
<b>Cross connect channels</b>	1
<b>Number of test pick off options</b>	1
<b>Cross section single wire from</b>	0.2 mm <sup>2</sup>
<b>Cross section single wire to</b>	4 mm <sup>2</sup>
<b>Cross section stranded wire from</b>	0.2 mm <sup>2</sup>
<b>Cross section stranded wire to</b>	4 mm <sup>2</sup>
<b>Cross section stranded with ferrule from</b>	0.2 mm <sup>2</sup>
<b>Cross section stranded with ferrule to</b>	2.5 mm <sup>2</sup>
<b>Rated wire cross section from (AWG)</b>	22
<b>Rated wire cross section to (AWG)</b>	12
<b>Stripping length</b>	7 mm
<b>Screw size</b>	M 2,5
<b>Screw type</b>	Slotted
<b>Torque min</b>	0.4
<b>Torque max</b>	0.8

## MATERIALS

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

## APPROVALS

<b>Rated voltage UL</b>	600 V
<b>Rated current UL</b>	20 A
<b>UL test standard</b>	UL 1059
<b>CSAus test standard</b>	UL 1059

<b>Rated voltage cUL</b>	600 V
<b>Rated current cUL</b>	20 A
<b>cUL test standard</b>	C22.2 No 158
<b>EAC test standard</b>	TR ZU 004/2011

## ADDITIONAL DATA

<b>Tariff code</b>	85369010
<b>Country of origin</b>	CZ
<b>Weight</b>	7.1 g
<b>Pack size</b>	100
<b>Type of terminal</b>	Screw Terminals, DIN Rail terminals

