



Terminal blocks for copper and aluminum, 25mm² - 150 mm²

These terminal blocks according to IEC 60947-7-1 are suitable for the connection of round conductors made of aluminum or copper.

When using aluminum conductors, the usual practice guidelines must be observed! The contact surfaces of the aluminum conductor are to be freed from the oxide layer and then coated with acid and alkali-free grease.



Because the location and the operating conditions of the electrical installation is unknown, it is recommended to check the clamping point again after 6-8 weeks and retighten with the specified torque.

Technical features

Rated current	320 A Cu / 290 A Al
Type of protection	IP20
Number of Poles	1P
Rated voltage U _e	1000 V AC / DC
Number of Clamping points	2
Connection type	Screw connection
Connection cross section for flexible conductor (with ferrule)	Cu / 25mm ² - 120mm ² Al / 25mm ² - 120mm ²
Connection cross section for rigid / multi-wire conductor	Cu / 25mm ² - 150mm ² Al / 25mm ² - 150mm ²
Tightening torque	(25-50mm ²) 14Nm (70-120mm ²) 25Nm (150mm ²) 30Nm
Recommended stripping length	20 mm
Height installed product	54 mm
Width installed product	31 mm
Depth installed product	84 mm
Mounting type	On DIN rail acc. to DIN EN 50022
Colour body	gray
Colour cover	K150AL gray K150AN blue K150AE green