

240mm² Aluminum Copper Cable Terminal Block

This universal terminal block is designed for connecting aluminum and copper cables. It is suitable for conductors with a cross-section area up to 240 mm².



ADDITIONAL IMAGES



Overview



High-performance TR Series terminal block designed for reliable power distribution.

TR Series Universal Terminal Block

The TR series Al/Cu universal terminal block is engineered for high-performance connections in power transmission and distribution systems. Designed to accommodate both aluminum and copper conductors with cross-sections up to 240 mm², it ensures secure and reliable electrical conductivity. Its compact design features hexagonal screw tightening for a robust hold, housed in high-quality polyamide material rated to UL 94 standards.

Technical Specifications

Nominal Current Range

145 A

Min Current

425 A

Max Current

Conductor Compatibility

Aluminum 6-240 mm², Copper 2.5-240 mm²

Nominal Insulation Voltage

1000 V

Construction



Robust housing and hexagonal screw tightening mechanism for secure installation.

Mounting Options

DIN Rail • Screw Mounting

Material Composition

UL 94 V-0 Polyamide Housing, Tinned Aluminum Body, Steel Screws

Compliance

Standards & Conformity

CE, RoHS, EN 60947-7-1, EN 61238-1

Product Matrix

Detailed Technical Matrix

Product Code	Color	Conductor Capacity	Weight
TR 240.1-1	Grey	1*Al/Cu 35-240 mm ²	300g
TR 240.1-2	Grey	2*Al/Cu 35-240 mm ²	543g
TR 240.1-3	Grey	3*Al/Cu 35-240 mm ²	787g