

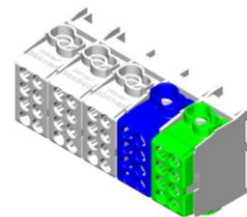


Technical Data Sheet

Date: 2023-11

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Main Line Branch Terminal HLAK 25-5/10-25-S



Application

Terminal blocks to be DIN rail mounted. Mainly used for domestic applications between main line connection box and metering unit.

Standards

VDE 0603-2 distribution boards and meter panels - AC 400 V - Main line branch terminals
EN/IEC 60998, Connecting devices for low-voltage circuits for household and similar purposes
EN/IEC 60947-7-1 Low-voltage switchgear and controlgear – Ancillary equipment

Materials

terminal base: brass – tin plated
terminals screws: steel, zinc plated
housing: nylon, impact resistant, flame retardant, halogen free
colour codes: brown, black, grey, blue, green

Color Code of Covers

3 units grey - 1 blue - 1 yellow-green
3 phase - neutral - PE

Connection:

Cu: solid/stranded,
fine stranded – ferrule
Al: solid

1,5 - 25 mm² solid / stranded
1,5 - 16 mm² fine stranded – ferrule
strip length / ferrule: 16 mm
box type terminal with two screws per connection, screws having slotted Z2 cross recess head, tightening torque 2.5 Nm

Ratings

VDE 0603: Cu: 80 A / 400 V
EN 60998, EN 60947-7-1:
Cu: 130 A Al: 100A,
insulation voltage: 1000 V,
(pollution degree 2, overvoltage category III)

Mounting

onto DIN rail TS 35/.. acc. to EN 50022 / EN 60715

Safety

terminal finger proof, edges rounded

Environment Protection

All materials and manufacturing processes comply with RoHS regulations.

HLAK 25-5/10/25

