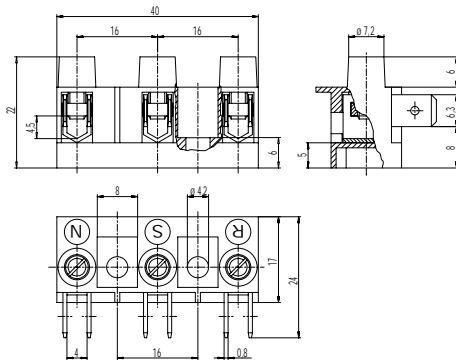


433-LA(-DS)

Tab/screw connector block

Tab 6,3 mm, with marking "R S N"



Tab/screw connector block 433-LA is available in 3-pole design. It is equipped with a one-piece metal part on mains and equipment side avoiding contact resistance inside the connector.

Thanks to mounting holes between the poles and with a only one screw, this connector can be mounted twist-proof on an appropriately prepared substrate. The wire protector of the "DS"-version reliably prevents damage to multi-wire flexible conductors by the turning screw.

This type features the additional permanent marking:
„R S N“

Part Numbers

| No. of poles | 433-LA | 433-LA-DS | Length | PU |
|--------------|------------|------------|--------|-----|
| 3 | 50.830.431 | 60.830.431 | 40,00 | 150 |

General Information

| | |
|------------------------|---|
| Pitch | 16 mm |
| No. of poles | 3 |
| Additional Information | These components cannot be mounted side-by-side. Multiple connectors can only be mounted side-by-side in 16 mm pitch to ensure clearance and creepage distances are observed. |



Technical Data

| | | | |
|--------------------------|---|-------|--------|
| Clamping Range | solid / flexible / AWG | | |
| without wire protector | 1,5 - 6 mm ² / - / 16 - 10 AWG [1] | | |
| with wire protector | 1,5 - 6 mm ² / 1,5 - 6 mm ² / 16 - 10 AWG | | |
| Rated Cross Section | 4 mm ² [2] | | |
| Wire Stripping Length | 7 mm ± 0,5 mm | | |
| Overvoltage Category | III | III | II |
| Pollution Severity Level | 3 | 2 | 2 |
| Rated Voltage | 500 V | 630 V | 1000 V |
| Rated Impulse Voltage | 6 kV | 6 kV | 6 kV |
| Rated Insulation Voltage | 750 V acc. to EN 60998-1 | | |
| Rated Current | 20 A: with receptacle for tabs 6,3; wire 6,0 mm ² (10 AWG) 32 A: screw side | | |
| Torque | 0,5 Nm | | |

Material

| | |
|----------------------------|--|
| Moulding | PA, grey, V-0 |
| Comparative Tracking Index | CTI ≥ 600 |
| Insulating Group | I |
| Temperature Range | -40°C up to 100°C |
| Terminal Body | Nickel plated brass |
| Tab | Nickel plated brass |
| Screw | M3,5; zinc plated steel, blue passivated |
| Wire protector | Tin plated tin bronze |

Approvals

| | Current [A] | Voltage [V] | Group | AWG | [Nm] |
|---|-------------|-------------|-------|-----------|------|
|  | 25 | 300 | B | 18-10 [3] | 0,51 |
| | 25 | 150 | C | 18-10 [3] | 0,51 |
|  | 25 | 300 | B | 22-12 [3] | 0,51 |
| | 10 | 300 | D,E | 22-12 [3] | 0,51 |

Options / Accessories

- Different pole markings on housing
- Extended screw guide
- Insulation receptacles ISO

[1] use only solid wires

[2] Screw side

[3] quick connector max. 10 AWG