

Technical information

A Series

Specifications

- DIN VDE 0627/86
- DIN VDE 0627/86
- DIN VDE 0110/02.79
- DIN VDE 0110/02.79
- DIN VDE 0110-1/04.97
- DIN VDE 0110-1/04.97
- IEC 60-664-1, DIN/IEC 512
- IEC 60-664-1, DIN/IEC 512

Approvals

- MEIE, EZU, SEV
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Inserts

- Contacts (+ ground)
 - 3, 4, 10, 16, 32 (2 x 16)
- Working current
 - A3, A4 @ 10 A max.
 - A10–A32 @ 16 A max.
- Rated voltage
 - 600 V AC
- Test voltage
 - 4 kV eff.
- Pollution degree
 - 3
- Material
 - Glass-filled thermoplastic
- Temperature range
 - -40 °C/-40 °F to +125 °C/+257 °F
- Flammability
 - UL94 V-0

Contacts

- Material
 - Solid drilled copper alloy
- Surface
 - Hard silver plated
 - Hard gold plated available
- Contact resistance
 - ≤ 1 milliohm
- Screw terminals
 - Wire AWG
- + with wire protection
 - 20–14 AWG (0.5–2.5 mm²)
- Crimp terminals
 - 20–12 AWG (0.5–2.5 mm²)

Housings

- Materials
 - Die-cast aluminum alloy
- EPDM seal gaskets
 - Epoxy powder-coat finish
- Locking mechanisms
 - @ A3, 4, 10, 16
- Temperature range
 - -40 °C/-40 °F to +125 °C/+257 °F
- Internal protection
 - A3, 4: IP44
 - A10, 16, 32: IP65 per DIN VDE 0470, IEC 529

Thermal capacity

- per DIN/IEC 512

