



UM-Cat.6A iso A

13900304

Universal modular jack, suitable for standard-keystone-openings

EAN: 4043921655191

mouse-grey (similar RAL 7005)

Performance features

| | |
|---------------|-------|
| Poles | 8-way |
| IDC-terminals | 8 |
| Weight | 27 g |

Dimensions

| | |
|--------|-------|
| Width | 15 mm |
| Height | 31 mm |
| Depth | 43 mm |

Mechanical characteristics

General

| | |
|---|---|
| Screening housing | zinc die cast |
| Connection of cable shielding/strain relief | 360°-contacting, contacting bow for data cable Ø 6–10 mm, strain relief via cable tie |
| Operating temperature | -40 °C to +70 °C |
| Protection class according to EN 60 529 | IP21 |
| Miscellaneous | free from halogen |

Connector/outlet

| | |
|--------|---------------------|
| Design | DIN IEC 60 603-7-51 |
|--------|---------------------|

Connection technique

| | |
|---------------|---|
| Solid wire | IDC terminals for wires ø 0.51–0.63 mm, AWG 24–22, outer diameter 0.7–1.6 mm at PE, 1 wire each contact, maximum connection times (at the same or larger cross-section) |
| Stranded wire | IDC terminals for wires 0.13–0.22 mm ² , AWG 26 (PE-Foamskin) – AWG 24 (PE-solid), outer diameter 0.9–1.1 mm at PE, |

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Specifications are subject to change

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Klagebach 33
58579 Schalksmühle
Phone (+49 2355) 82-0
Fax (+49 2355) 82-105

www.rutenbeck.de
mail@rutenbeck.de

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|----------------------------------|---|
| | 1 wire each contact, maximum connections 10 times (at the same or larger cross-section) |
| Assembly | flexible printed circuit board made of polyimid with mechanical spring elements (patented) |
| Contact material/-surface | 1.5 µm Ni/0.8 µm Au |
| Material housing | PBT |
| Life (insertion and withdrawals) | ≥ 750 cycles with plugs according to IEC 60 603-7, RJ11/12-protected against mismatching |

Electrical characteristics

| | |
|----------------------|---|
| Voltage | 72 V DC, suitable for TNV circuits, according to EN 60 950-1:2011-01 |
| Operation Current | 500 mA, at 50 °C ambient temperature |
| PoE-capability | suitable for PoE+ (Power over Ethernet) according to IEEE 802.3at |
| Voltage withstand | 1000 V (contact – contact), 1500 V (contact – housing) |
| Isolation resistance | ≥ 500 MΩ |
| Contact resistance | signal contact: 20 mΩ, shielding contact: 100 mΩ |
| Color code | T568A and T568B according to TIA/EIA-568-B.2 |

Transmission characteristics

| | |
|---|-------------------|
| ISO/IEC 11801:2011-06/DIN EN 50 173-1:2011-09 | Cat.6A, shielded |
| DIN EN 60 603-7-51:2011-01 | 500 MHz, shielded |

Test- and approval marks

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|---------------|----|
| Approval mark | CE |
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