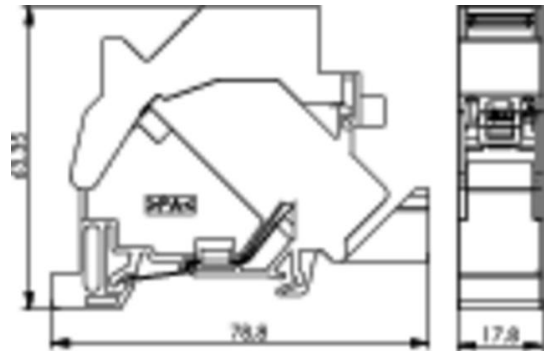


order number: J00023A0206

Mounting rail outlet TS45 AMJ-S incl. AMJ-S Module Cat.6_A T568B



| Technical Attributes | |
|----------------------|---|
| Short name | Mounting rail outlet TS45 AMJ-S |
| Type | incl. AMJ-S Module Cat.6 _A T568B |
| Remarks | for mounting rail TH35 |
| Colour | light grey RAL 7035 |

Performance Characteristics

- suitable for switching programs from several manufacturers with design capable face plate AMJ-S double gang Up/0 flex
- integrated strain relief for cable O.D. to 9 mm
- Cat.6_A acc. to IEC 60603-7-51
- Cat.6_A re-embedded tested acc. to IEC 60512-27-100
- fully-automated production of Cat.6_A RJ45 core to guarantee a uniformly high quality standard
- 3rd party laboratory GHMT Cat.6_A tested and confirmed
- GHMT link certificate: Class E_A acc. to ISO/IEC 11801; 10 Gigabit-Ethernet compliant (IEEE 802.3an)
- overbending protection: ≥750 mating cycles with RJ45/RJ11/RJ12 plugs
- suitable for PoE+ acc. to IEEE 802.3at
- universally, world-wide available installation dimension for mounting cut-outs: 19.3 x 14.7 mm
- optical monitored inspection of the RJ45 contact heights
- Made in Germany

| Mechanical Characteristics | |
|--|---|
| Insertion force | ≤ 30 N |
| Life (mating cycles RJ45, RJ12, RJ11) | ≥ 750 |
| Material: housing | zinc diecast |
| Material: insulating housing | - |
| Material: snap-fit | spring steel |
| Material: shield | German silver |
| Material: insulators | PC UL94 V0 |
| Material: PCB | FR4 |
| Material: PCB finish | chem. tin-plated |
| Material: contact spring | spring steel |
| Material: contact spring finish | min. 0,8 µm (µin) Au on 1,2 µm (50µin) Ni |
| Material: contact IDC termination | CuNi2Si |
| Material: IDC termination finish | min. 3-6 µm (120-240 µin) Sn |
| Cu-Conductor diam.: Solid | 0.4 - 0.64 mm AWG 26/1 - AWG 22/1 |
| Cu-Conductor diam.: Stranded | 0.46 - 0.76 mm AWG 27/7 - AWG 22/7 |
| Insulation diameter | 0.9 - 1.6 mm |
| Reusable IDC for AWG 22/1 and AWG 22/7 | ≤4 cycles |
| Reusable IDC für AWG 23/1 - AWG 26/1 | ≤10 cycles |
| Reusable IDV for AWG 24/7 - 27/7 | ≤10 cycles |
| Material: cable clamp | PC UL94 V0 |

| | |
|----------------|-----------|
| Cable diameter | max. 9 mm |
|----------------|-----------|

| Electrical Characteristics | |
|-----------------------------------|-----------------------------------|
| Contact resistance | ≤ 20 mΩ |
| Insulation resistance | ≥ 500 MΩ |
| Voltage proof: contact-contact | ≥ 1000 V, DC |
| Voltage proof: contact-shield | ≥ 1500 V, DC |
| Current carrying capacity at 50°C | 1 A |
| PoE+ acc to IEEE 802.3at | Adequate for Power over Ethernet+ |

| Standards | |
|------------|----------------|
| Connectors | IEC 60603-7-51 |

| Transmission Characteristics | |
|--|-------------------------------|
| Category 6 _A (Component) | ISO/IEC 11801, DIN EN 50173-1 |
| Class E _A (Permanent Link) | ISO/IEC 11801, DIN EN 50173-1 |
| Class E _A (Channel) | ISO/IEC 11801, DIN EN 50173-1 |
| Class E (Channel with Coupler Cat.6) | - |
| Class D (Channel with Coupler Cat.5e) | - |
| Gigabit Ethernet acc. to IEEE 802.3 | - |
| 10 Gigabit Ethernet acc. to IEEE 802.3an | fulfilled |