

order number: J02023A0052

19" Patch Panel MPP24-HS K Class E_A 500

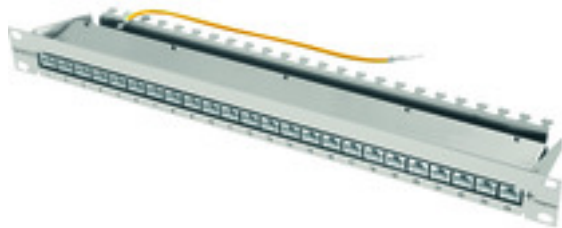
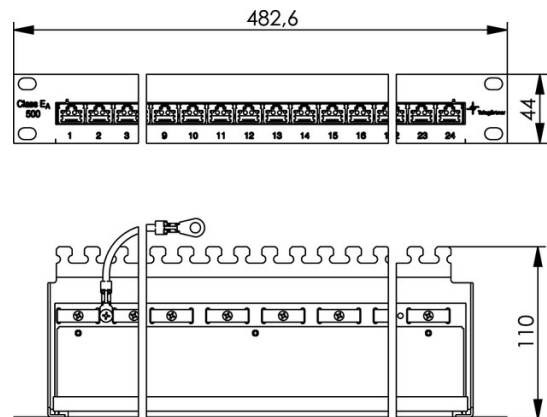


Fig. may differ



Technical Attributes	
Short name	MPP24-HS K Class E _A 500
Type	24 x RJ45 shielded
Colour	light grey RAL 7035

Performance Characteristics

- 19"/10" rack mount unit 1 HU with 12, 16 or 24 RJ45 jacks assembled on one common PCB
- 360° shielding can be connected directly on the PCB on a large contact spot using screw clamps, without need of twisting the shielding braid (shielded type)
- cables are terminated via IDC (LSA Plus) terminals with colour coding acc. to EIA/TIA 568 A and B
- limit of 13 mm max. of untwisted length of wires can be easily achieved without restricting an easy installation
- risk of short-circuit between screening braid and wires is minimized due to sufficient space between data terminals and screening contact
- Cat.6_A, Class E_A 500 & Cat.6A types with overbending protection: >750 mating cycles with RJ45/RJ11/RJ12 plugs
- modular jacks are numbered on the front panel
- housing is made of steel and powder-laminated in light grey (RAL 7035) or black; the cover is made of stainless steel
- enclosed cable ties for strain relief of the cables without need of screws and special tools
- printed circuit board is mounted horizontally
- bonding with the enclosed bonding kit (shielded types)
- no special tooling required for mounting of cover (shielded type)

Mechanical Characteristics	
Insertion force	≤ 30 N
Durability (Steckungen)	≥ 750
	solid 0.41 - 0.64 mm AWG 26/1 - AWG 22/1
Core Diameter	0,7 - 1,6 mm
Material: housing	sheet steel powder coated
Material: shielding housing	stainless sheet steel
Material: insulators	PA, PBT, PBP, PE
Material: PCB	FR4
Material: PCB finish	tin plated
Material: contact spring	CuSn, spring steel
Material: contact spring finish	min. 0,8 μm Au on 1,2 μm Ni
Material: contact IDC termination	CuZn
Material: IDC termination finish	tin plated

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	Cat.6 _A , Cat.6A; Class E _A : PoE+; Cat.5e: PoE

Standards	
Connectors	IEC 60603-7-51 / -7-5 / -7-3 / -7-41

Ambient temperature	-40° C to + 70° C
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Category 6 _A (Component) for products	ISO/IEC 11801, DIN EN 50173-1
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Cat.6 _A	
Class E _A (Permanent Link) for products Cat.6 _A , Cat.6A, Class E _A 500	ISO/IEC 11801, DIN EN 50173-1
Class E _A (Channel) for products Cat.6 _A , Cat.6A, Class E _A 500	ISO/IEC 11801, DIN EN 50173-1
Category 5e	ISO/IEC 11801, DIN EN 50173-1
Category 3	-
Gigabit Ethernet acc. to IEEE 802.3	fulfilled
10 Gigabit Ethernet acc. to IEEE 802.3an	fulfilled