RJ45 module Cat.6A T568A

RJ45 module Cat.6A, meets or exceeds the specifications of IEC 60603-7-51, evidence by certificate;

GHMT PVP certified, evidence by certificate;

for applications according to ISO/IEC 11801-1, Annex E (10 Gbit/s, PoE Type 4);

optimized contact design to avoid sparcs in the area of data transmission;

eligible for 4PPoE (PoE Types 3 and 4), tested on the basis of IEC 60512-99-002 and EN 60512-9-3;

safe-lock multi-purpose locking mechanism with spring steel bracket serves mechanical lock for secure fastening of hinged module sides and of the entire module in the module carrier, stroke ≥ 3mm;

IDC contacts eligible for solid and stranded wires;

no need for module-specific tools to terminate wires;

module housing has a flat-pin contact for individual bonding;

detenting clamp locks in small steps for cable strain relief;

separate shield contacts;

foil of pair shield has to be maintained up to the wire holder in the wire manager.

Optional plug-in dust-shutters in 5 different colours available to denote individual applications.

The permanent link consisting of this module and the horizontal cable as specified elsewhere in this tender has to meet or exceed the specifications of ISO/IEC 11801-1 permanent link class EA; this has to be proven by a link certificate!

Features:

Depth: ≤ 22.3 mm

Width: ≤ 14.8 mm

Performance: IEC 60603-7-51 Cat.6A

Plug compatibility: RJ45, RJ12 and RJ11 plugs,

 protection against overbending

 the contacts

Mating cycles: ≥ 750

Cable diameter: ≤ 9 mm

Contacts: 8

Contact design: Optimized design, evidence

 provided by data sheet

Wire connection: IDC

Wire diameter: 0.9 – 1.6 mm

Conductor dimensions: solid: AWG26/1–22/1

 stranded: AWG27/7–22/7

Pin/pair assignment: T568A

Bonding connection: 2.8 mm DIN 46342-1

Colours for opitonal dust shutters: black, orange, green, blue, yellow

Manufacturer: Telegärtner

Type: AMJ-SL Modul

Part No.: 100023207