

Product information

Connection Module Cat. 6, 1xRJ45/u, 10x

R302373
977821045
10 pcs



- RJ45 Cat. 6 connection module, unshielded
- Mounting plate
- Dust cover
- Cable tie
- Installation instructions

010.2857

Technical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Standard	UL Listed EN 50173-1: May 2011 IEC 60603-7: Electrical Characteristics of the Telecommunication Outlets ISO/IEC 11801-1 Ed 1.0 2017-11
Protection class IP	IP 20
PoE	Yes
Connector class	connection module
Shielding connector (A)	unshielded
Connector type (A)	RJ45
Category connector (A)	Cat. 6
Holder for connector / module	Mounting plate
Wiring diagram	TIA-568A / TIA-568B
Poles	8

Mechanical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Dimensions	17mm x 21.5mm x 41mm (W x H x D)
Color	blue
Material	plastic: PC, UL 94 V-0

Connection Module, Cat.6, 1 x RJ45, unshielded, for the establishing of transmission channels of class E with up to 4 plugged connections, complies with Category 6 requirements of the standards ISO/IEC 11801:2002, EN 50173-1: May 2007, DIN-EN 50173-1: Dec. 2007 as well as ANSI/TIA/EIA 568-B.2-1, de-embedded tested in acc. with IEC 60603-7-4, interoperable and backwards compatible with Cat.5e and Cat.5. Suitable for 10GBase-T applications in acc. with IEEE 802.3an up to 500 MHz and 55 m.

Tested in line with R&M's manufacturing control, performing 100% inspection. Compatible with RJ standard plugs (RJ11, RJ12, RJ45), PCB-free and tool-free Easy-Lock connection of installation cables AWG 24; 23; 22 (0.5 mm - 0.65 mm) and flexible cables AWG 26/7 – AWG 22/7. Parallel pair termination without crossover in acc. with EIA/TIA 568-A/B, gold-plated bronze contacts for >1000 mating cycles, IDC contacts with singlewire strain relief and >200 insertion cycles, contact resistance 1000 Veff. Halogen-free materials. With integral cable strain relief, including dust cover.

Supports PoE (IEEE 802.3af), PoEP (IEEE 802.3at), 4PpoE (IEEE 802.3bt) and is compatible to IEC 60512-99-001/002

Mounting dimensions 14.9 x 19.5 mm, max. material thickness 1.6 mm.

Connection module Cat.6, unshielded, with dust cover, cable tie and installation instructions.