010.2857

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

## Technical Data

| DESCRIPTION [UNIT] | VALUE/VALUE RANGE |
|---|---|
| Standard / norm | UL Listed<br>EN 50173-1<br>IEC 60603-7: Electrical Characteristics of the Telecommunication Outlets<br>ISO/IEC 11801 |
| Protection class IP | IP 20<br>IP 30<br>IP 10 (correlates to NEMA 1) |
| 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 | T568A and T568B |
| Poles | 8 |

## Mechanical Data

| DESCRIPTION [UNIT] | VALUE/VALUE RANGE |
|---|---|
| Dimensions | 17.0 mm x 21.5 mm x 41.0 mm / 0.669 in x 0.846 in x 1.614 in (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, EN 50173-1, (DIN EN 50173-1) as well as TIA/EIA 568.2-D, 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 802.3™ Section Four up to 500 MHz and 55 m.
Tested on the basis of the R&M production control including 100% routine test.
Compatible with RJ standard plugs (RJ11, RJ12, RJ45), PCB-free and tool-free Easy-Lock connection of installation cables AWG 26 – 22 (0.4 mm – 0.65 mm) and flexible cables AWG 26/7 – AWG 22/7. Parallel pair termination without crossover in acc. with TIA 568-A/B, gold-plated bronze contacts for >1000 mating cycles, IDC contacts

with single-wire strain relief and >20 insertion cycles, contact resistance <50 mOhm, dielectric strength >1000 Veff. 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.
Material: halogen-free and heavy-metal free in acc. with EU directives RoHS 2.
Connection module Cat. 6, unshielded, with dust cover, cable tie and installation instructions.