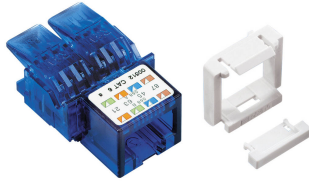# Product information

Connection Module Cat. 6, 1xRJ45/u, Snap-in, 100x

R308734
100 pcs

- RJ45 Cat. 6 connection module, unshielded
- Snap-in adapter
- Dust cover
- Cable tie
- Installation instructions

010.2017.1 / similar product

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	Snap-in
Wiring diagram	TIA-568A / TIA-568B
Poles	8

Mechanical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Dimensions	18.2mm x 22.7mm x 41.3mm (W x H x D)
Color	module, blue / Snap-in adapter, gray (NCS 2502-B)
Material	plastic: PC, UL 94 V-0

RJ45 connection module of Category 6, 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 ed. 2.2, June 2011, EN 50173-1, May 2011 (DIN EN 50173-1) as well as TIA 568-C, 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 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 – 22 (0.5 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. Supports PoE (IEEE 802.3af), PoEP (IEEE 802.3at), 4PpoE (IEEE 802.3bt) and is compatible to IEC 60512-99-

001/002. With integral cable strain relief, including dust cover.
Mounting dimensions 14.9 x 19.5 mm, max. material thickness 1.6 mm.
Material: halogen-free and heavy-metal free in acc. with EU directives RoHS 2.
Connection module Cat. 6, unshielded, with dust cover, snap-in frame (gray), cable tie and installation instructions.