Han® RJ45 module, male

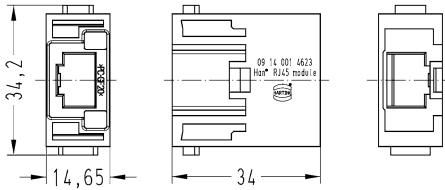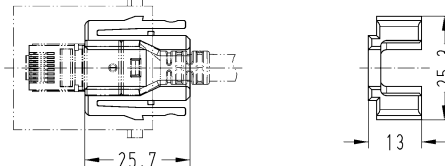**Number of contacts**

8

Features

- Single module with standard shielded RJ45 plug and jack
- The RJ45 inserts are protected by a reliable plastic insulator
- 360° shielded contact
- Field assembly without tools possible by means of *HARAX®* rapid termination in IDC technology
- Gigalink: Field assembly by means of piercing contacts (Assembly tool 09 45 800 0520)
- Suitable for termination of massive and flexible wires
- Gigalink: Suitable for termination of flexible wires

Technical characteristics

Number of contacts	8
Insulation resistance	>10^{10} Ω
Limiting temperature	-40 ... +70 °C
Mating cycles	≥500
Wire outer diameter	≤1.05 mm, ≤1.5 mm
Transmission characteristics	Cat. 6_A, Class E_A up to 500 MHz, Cat. 6, Class E up to 250 MHz
Data rate	10 Mbit/s, 100 Mbit/s, 1 Gbit/s, 10 Gbit/s
Material (insert)	Polycarbonate (PC), Polyamide (PA)
Colour (insert)	RAL 7032 (pebble grey)
Material flammability class acc. to UL 94	V-0
RoHS	compliant

Specifications and approvals

EN 60664-1
IEC 61984
IEC 60603-7
DIN EN 45545-2 R22: HL1, HL2, HL3
DIN EN 45545-2 R23: HL1, HL2, HL3
UL 1977 ECBT2.E102079
CSA-C22.2 No. 182.3 ECBT8.E102079
DNV GL

Identification		Part number Male	Drawing (dimensions in mm)
Han-Modular®, Han® RJ45 module, Single module		09 14 001 4623	
Data connectors, RJ Industrial RJ45 Gigalink connector set, Piercing termination, Fully shielded, 360° shielding contact, Cat. 6_A	AWG 28 ... AWG 24	09 45 400 1520	Wire outer diameter ≤ 1.05 mm