

Advantages

- · Compact and robust design
- · 360° shielding
- Category of transmission Cat. 6_A
- · Suitable for solid and stranded wires
- · Field-assembly with quick termination in IDC technology
- Keystone form factor useable for DIN-rail outlet 09 45 851 0000 and a wide range of typical patch panels and wall outlets
- Suitable for PoE (IEEE 802.3af) and PoE+ (IEEE 802.3at)

Technical characteristics

Connector type RJ45 connector acc. to IEC 60603-7

Number of contacts

Transmission category Category 6_A, Class E_A,

suitable for 1/10 Gigabit Ethernet

Category 6_A / Class E_A up to 500 MHz acc. to ISO/IEC 11801:2002, EN 50173-1 Transmission performance

AWG 27 ... AWG 24 (solid/stranded)1)

10/100 Mbit/s and 1/10 Gbit/s Transmission rate

fully shielded, 360° shielding contact Shielding

Mounting Field-assembly

Cable termination with IDC-contacts, without tools

Connectable cables

- Conductor cross section

AWG 24 ... AWG 22 (solid/stranded)2) max. 1.6 mm (incl. insulation)1) - Conductor diameter

max. 1.2 mm (incl. insulation)2)

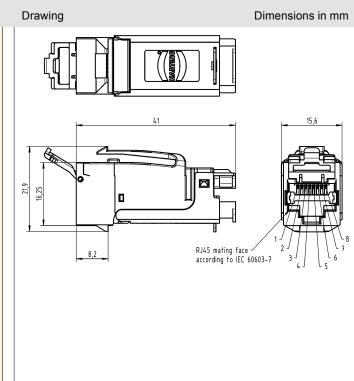
- Cable diameter 5 ... 9 mm

min. 750 Mating cycles Degree of protection IP20

Temperature range -40 °C ... +70 °C

Housing material Zinc die-cast, nickel-plated

Identification Part number Drawing HARTING RJ Industrial® 10G cable jack, 8 poles AWG 28 ... 24 09 45 545 1563 AWG 24 ... 22 09 45 545 1564 HARTING RJ Industrial® PN 21.9 cable jack, 4 poles, Cat. 5 16,25 AWG 24 ... 22 09 45 545 1122 Unlocking tool for opening of the 20 82 000 9916 HARTING RJ Industrial® cable



03 38 jacks

¹⁾ For part number 09 45 545 1564

²⁾ For part number 09 45 545 1563 and 09 45 545 1122