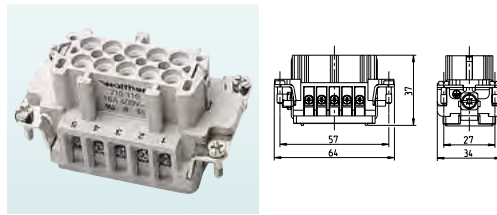


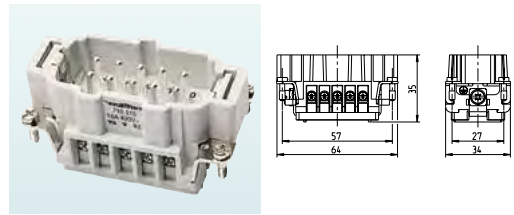
Approvals/Certification mark



Female insert



Male insert



Part no.: **710110** with wire protection
0.5-2.5 mm² (20-14 AWG)

Packaging unit: 10 pcs.
Weight: 69 g

710210 with wire protection
0.5-2.5 mm² (20-14 AWG)

10 pcs.
65 g

Part no.: **710770** without wire protection
0.5-4 mm² (20-12 AWG)

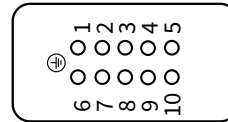
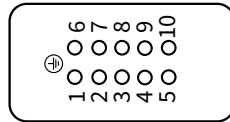
Packaging unit: 10 pcs.
Weight: 65 g

710774 without wire protection
0.5-4 mm² (20-12 AWG)

10 pcs.
60 g

Contact arrangement Series B10

View from termination side



Coding see page 317

Specifications series B10

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 10 + PE

Electrical data acc. to DIN EN 61 984: 16 A 500 V 6 kV 3

Rated current _____
Rated voltage _____
Rated surge _____
Pollution degree _____

Rated voltage acc. to UL/CSA: 600 V

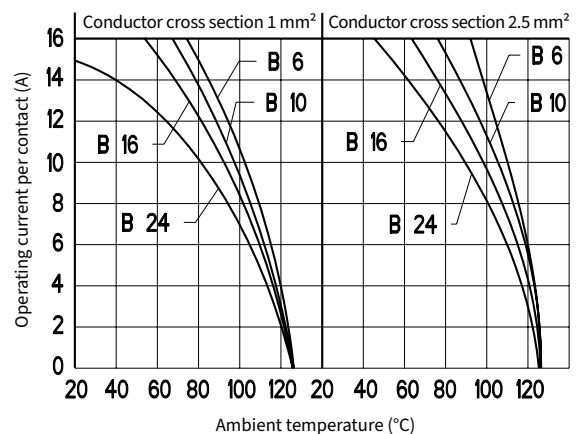
Material: Glassfiber reinforced polyamide
Temperature range: - 40 °C up to + 125 °C
Flame class rating acc. to UL 94: V 0
Mechanical operating life: ≥ 500 mating cycles

Contacts

Material: Copper alloy
Surface: • hard silver-plated: 3 µm Ag
• hard gold-plated: 2 µm Au over 3 µm Ni

Contact resistance: < 1 m Ω

Screw terminal with wire protection: 2.5 mm² (20-14 AWG)
Screw terminal without wire protection: 4 mm² (20-12 AWG)
Torque / testing torque: 0.5 Nm
Wire stripping length: 7 mm if using screw terminals
IDC terminals: 0.5 - 2.5 mm² (20-14 AWG)



The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.