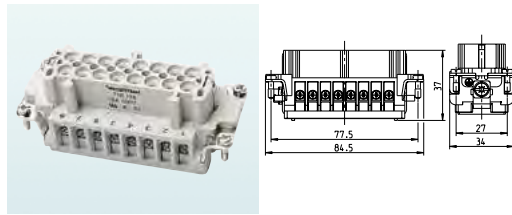


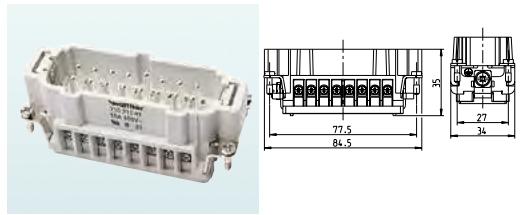
**Approvals/Certification mark**



**Female insert**



**Male insert**



**Part no.:**

**710116** with wire protection  
0.5-2.5 mm<sup>2</sup> (20-14 AWG)

**710216** with wire protection  
0.5-2.5 mm<sup>2</sup> (20-14 AWG)

Packaging unit: 10 pcs.  
Weight: 94 g

Packaging unit: 10 pcs.  
Weight: 94 g

**710771** without wire protection  
0.5-4 mm<sup>2</sup> (20-12 AWG)

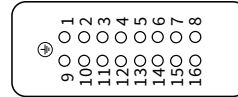
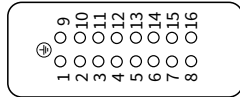
**710775** without wire protection  
0.5-4 mm<sup>2</sup> (20-12 AWG)

10 pcs.  
90 g

10 pcs.  
90 g

**Contact arrangement**

View from termination side

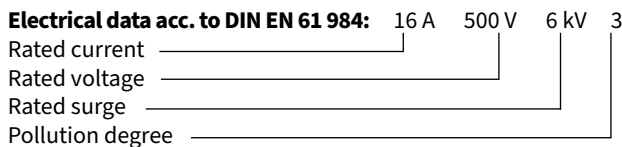


Coding see page 317

**Specifications series B16**

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

**Number of poles:** 16 + PE



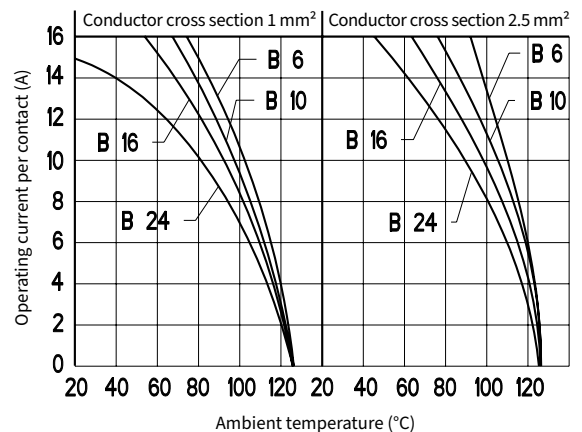
Rated voltage acc. to UL/CSA: 600 V

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 mm<sup>2</sup> (20-14 AWG)  
Screw terminal without wire protection: 4 mm<sup>2</sup> (20-12 AWG)  
Torque / testing torque: 0.5 Nm  
Wire stripping length: 7 mm if using screw terminals  
IDC terminals: 0.5-2.5 mm<sup>2</sup> (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.