

Series BA

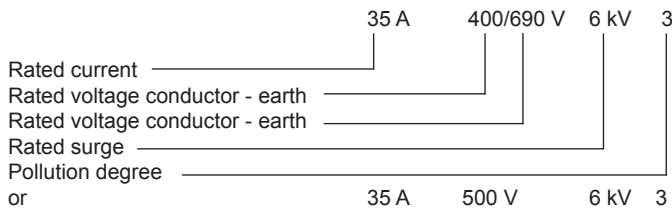
Specifications

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

Approvals: UR, SEV, MEIE, EZÚ

Number of poles: 6, 12 (2 x 6) + PE

Electrical Data acc. to DIN EN 61 984:



Rated voltage acc. to UL/CSA: 600 V
(Table with rated surges see chapter "Information")

Material: Glass-fibre 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

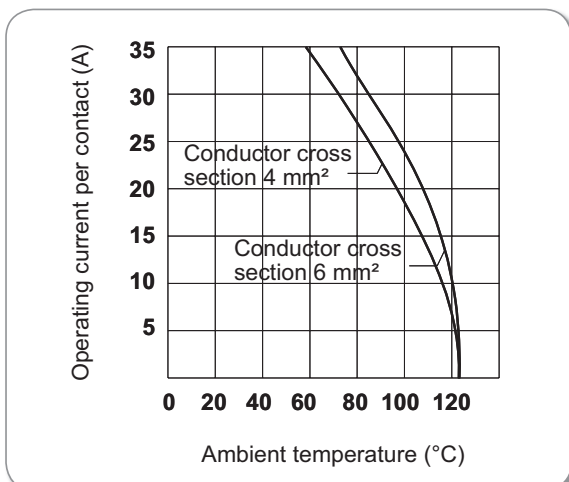
Contacts

Material: copper alloy
 Surface - hard silver plated: 3 µm Ag
 Contact resistance: ≤ 0.5 m Ω
 Screw terminal with wire protection: 6 mm² (10 AWG)
 Torque/testing torque: 1.2 Nm
 Wire stripping length: 10 mm

Application hint:

Industrial connectors are electrical devices which must not be connected or disconnected under load!

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 size - circulate through each contact without exceeding the upper limiting temperature.



Page

BA 6-pole + ⚡

Inserts **36**

- Short overview see page S. 118 -
 - Matching housings see page 119 - 126 -



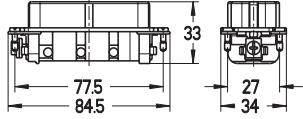
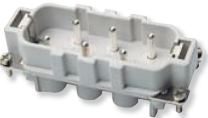
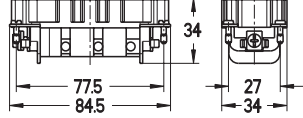
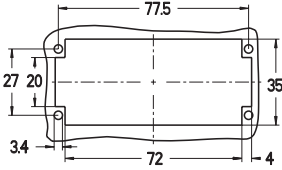
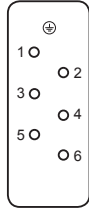
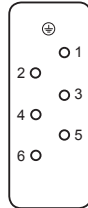


BA 12-pole + ⚡

Inserts **37**

- Short overview see page 136 -
 - Matching housings see page 139 - 138 -



Description	Part no.	Series BA 6 P + ⊕ 35 A / 400/690 V UL/CSA: 600 V	
Screw terminal inserts		 	10 88
Female insert screw terminal with wire protection 0.5-6 mm ² (20-10 AWG)	710 620	 	10 86
Male insert screw terminal with wire protection 0.5-6 mm ² (20-10 AWG)	710 621	Contact arrangement <div style="display: flex; justify-content: space-around;"> <div data-bbox="790 730 930 757">Panel cut-out</div> <div data-bbox="1054 730 1329 757">View from termination side</div> </div>  <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div data-bbox="1102 797 1190 1003">  <p>Female insert</p> </div> <div data-bbox="1198 797 1286 1003">  <p>Male insert</p> </div> </div>	



Description	Part no.	Series BA 12 P + ⊕ 35 A / 400/690 V UL/CSA: 600 V	 g
Screw terminal inserts			
Female insert screw terminal with wire protection 1 - 6	710 620 710 692		10 88 88
Male insert screw terminal with wire protection 1 - 6	710 621 710 693		10 86 86
Contact arrangement		<p style="text-align: center;">View from termination side</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>Female insert</p> </div> <div style="text-align: center;"> <p>Male insert</p> </div> </div> <p style="text-align: center;">Panel cut-out</p>	