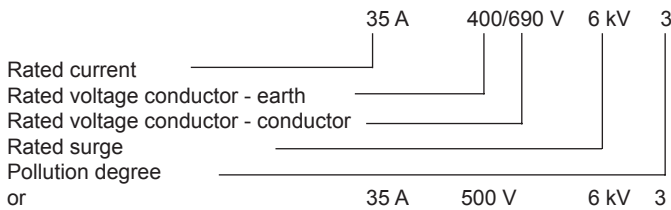


Series BA

Specifications

Regulations:	DIN VDE 0627, DIN VDE 0110, DIN EN 61 984
Approvals:	UR, SEV, MEIE, EZÚ, GOST
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

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:	
Mating cycles:	≥ 500

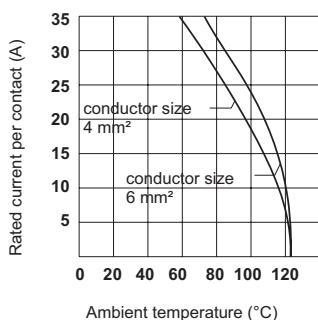
Contacts

Material:	copper alloy
Surface:	hard silver-plated: 3 μm Ag
Contact resistance:	≤ 0.5 m Ω
Screw terminal	
with wire protection:	6 mm ² (10 AWG)
Torque/testing torque:	1.2 Nm
Wire stripping length:	10 mm

Application hint:

Heavy duty connectors are electrical devices which under proper use - under load - should not be inserted or separated.

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

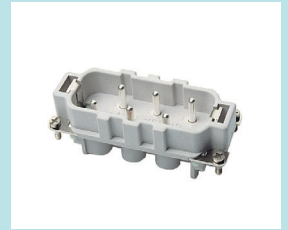


Page

BA 6 pole + ⚡

Inserts **34**

- short overview see page 116 -
- matching housings s. page 117 - 124 -




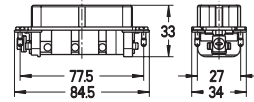
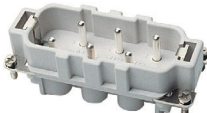
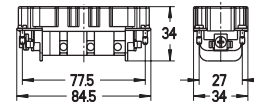
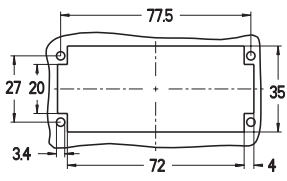
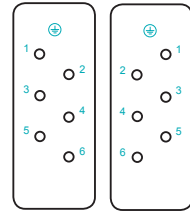





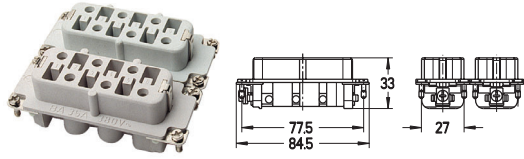
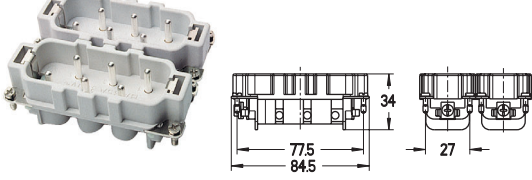
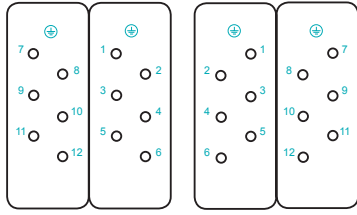
BA 12 pole + ⚡

Inserts **35**

- short overview see page 134 -
- matching housings s. page 135 -



Description	Part No.	Series BA 6 P + ⊕ 35 A / 690 V UL/CSA: 600 V	  g EAN No. 4015609...
Screw terminal inserts		 	<p>10 88</p> <p>028030</p>
Female insert screw terminal with wire protection 0.5 - 6 mm ² (20-10 AWG)	<p>710 620</p>	 	<p>10 86</p> <p>028047</p>
Male insert screw terminal with wire protection 0.5 - 6 mm ² (20-10 AWG)	<p>710 621</p>	<p>panel cut out: view from termination side:</p>   <p>Female insert Male insert</p>	

Description	Part No.	Series BA 12 P +  35 A / 690 V UL/CSA: 600 V	  9 EAN-No. 4015609...
Screw terminal inserts			
Female inserts screw terminals with wire protection 1 - 6 0.5 - 6 mm ² (20-10 AWG)	710 620		10 88 028030 88 028535
Male inserts screw terminals with wire protection 1 - 6 0.5 - 6 mm ² (20-10 AWG)	710 621		10 86 028047 86 028542
Contact arrangement		view from termination side:	
			
		panel cut out: 