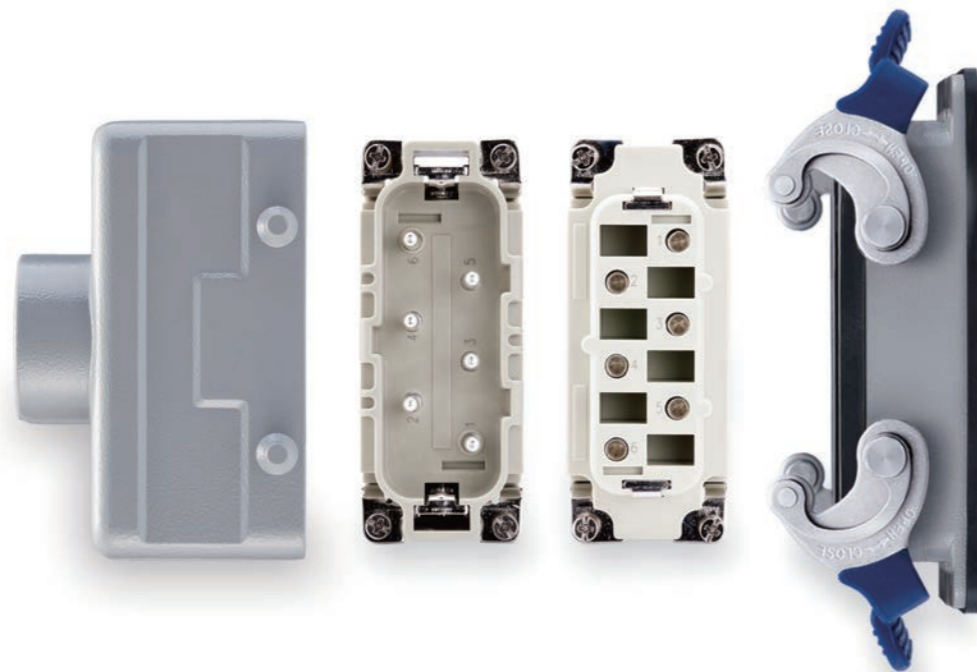


HSB SERIES

35A heavy-current connector

HSB SERIES Heavy-current inserts



Technical characteristics

Technical characteristics	DIN EN 60 664 DIN EN 61 984
Approvals	
<b>Inserts</b>	
Number of contacts	6,12+PE
Electrical data acc. to EN 61 984	
- Rated current	35A
- Rated voltage conductor – ground	400V
- Rated voltage conductor – conductor	690V
- Rated impulse voltage	6kV
- Pollution degree	3
- or	35A 500V 6kV 3
Rated voltage acc. to UL	600V
Insulation resistance	$\geq 10^{10} \Omega$
Material	polycarbonate
Limiting temperatures	-40°C...+125°C
Flammability acc. to UL 94	V0
Mechanical working life(mating cycles)	$\geq 500$
<b>Contacts</b>	
Material	copper alloy
Surface	hard-silver plated
Contact resistance	$\leq 1m \Omega$
Screw terminal	
- Wire gauge	1.5-6mm <sup>2</sup>
- AWG	10
- Tightening torque	1.2Nm

Current carrying capacity

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals

Control and test procedures according to DIN EN 60512-5

