

# HSB SERIES

35A heavy-current connector



# HSB SERIES Heavy-current inserts

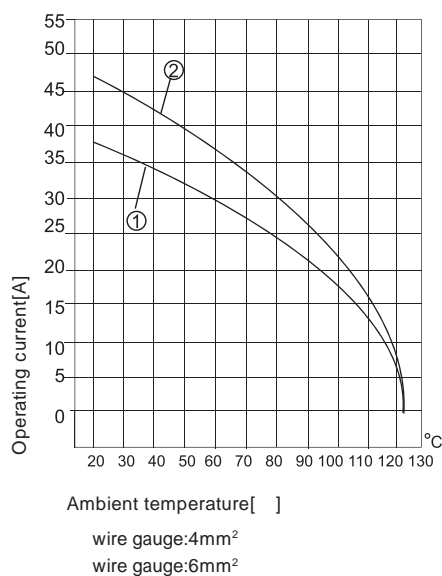
## Technical characteristics

Technical characteristics	DIN EN 60 664 DIN EN 61 984
Approvals	
<b>Inserts</b>	
Number of contacts	6,12+PE
<b>Electrical data acc. to EN 61 984</b>	
- 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/CSA	600V
Insulation resistance	10 <sup>10</sup>
Material	polycarbonate
Limiting temperatures	-40 ...+125
Flammability acc. to UL 94	V0
Mechanical working life(mating cycles)	500
<b>Contacts</b>	
Material	copper alloy
Surface	hard - silver plated
Contact resistance	1m
<b>Screw terminal</b>	
- Wire gauge	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



# HSB-006 Heavy-current inserts

400/690V 35A 6+⊕



## Inserts

Hoods/Housings : size 16B, detail please find the page 16-42-16-53.

Screw terminal



Insert	Designation	Order No.
Male	HSB - 006 - M	03500620100
Female	HSB - 006 - F	03500620200

HSB

1) Distance for contact max. 21 mm

Contact arrangement view from termination side

Panel cut out for inserts for use without hoods/housings

# HSB-012 Heavy-current inserts

400/690V 35A 12+⊕



## Inserts

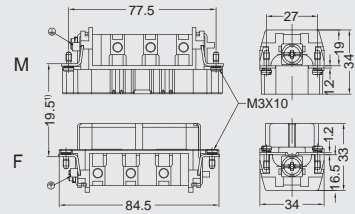
Hoods/Housings : size 32B, detail please find the page16-81~16-82.

### Screw terminal

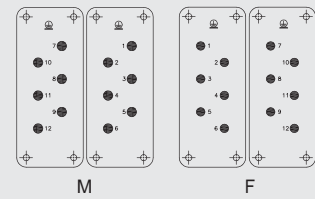


Insert	Designation	Order No.
Male	HSB - 006 - M	03500620100
	HSB - 006 - M(7 - 12)	03500622100
Female	HSB - 006 - F	03500620200
	HSB - 006 - F(7 - 12)	03500622200

1) Distance for contact max. 21 mm



Contact arrangement view from termination side



Panel cut out for inserts for use without hoods/housings

