

# HSB

Technical characteristics

HSB



## Current carrying capacity

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

### Specifications

DIN EN 60 664  
DIN EN 61 984

### Inserts

Number of contacts 6, 12, (2X6)+PE

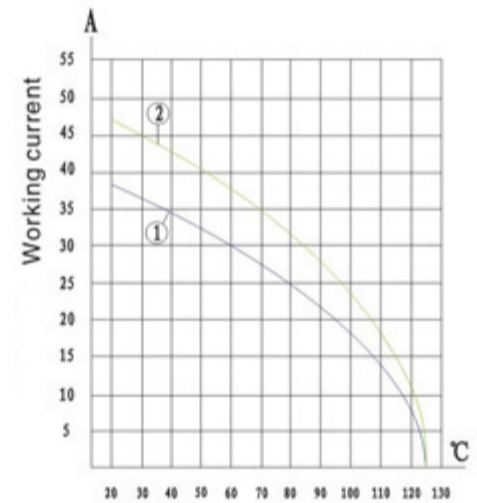
Working current  
( See current carrying capacity)

Working voltage  
Pollution degree

Rated impulse voltage



DIN EN 60512-5  
Control and test procedures  
according to DIN EN 60512-5



Ambient temperature

- wire gauge: 4.0mm<sup>2</sup>
- wire gauge: 6.0mm<sup>2</sup>

|  |                       |
|--|-----------------------|
| Insulation resistance                  | $\geq 10^{10} \Omega$ |
| Material                               | Polycarbonate         |
| Flammability acc.to(UL94)              | VO                    |
| Limiting temperatures                  | -40°C~ +125°C         |
| Mechanical working life(mating cycles) | $\geq 500$            |
| Working voltage acc.to UL/CSA          | 600V                  |

### Contacts

|                           |                            |
|---------------------------|----------------------------|
| Material                  | copper alloy               |
| Surface                   | Silver plated              |
| Contact resistance        | $\leq 1m\Omega$            |
| Terminal                  | Screw terminal             |
| Wire gauge                | 6.0mm <sup>2</sup> (AWG10) |
| Screw terminal tightening | 1.2Nm                      |

# Hzw-HSB

Insert 400/690V 35A

Number of contacts

6, 12(2X6) + ⊕

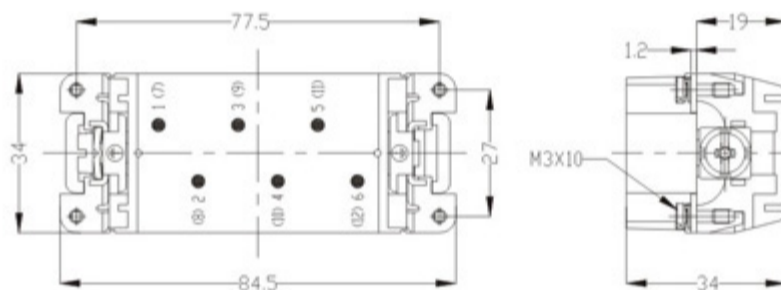
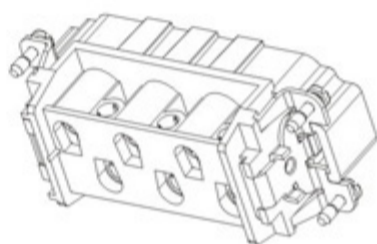
HSB



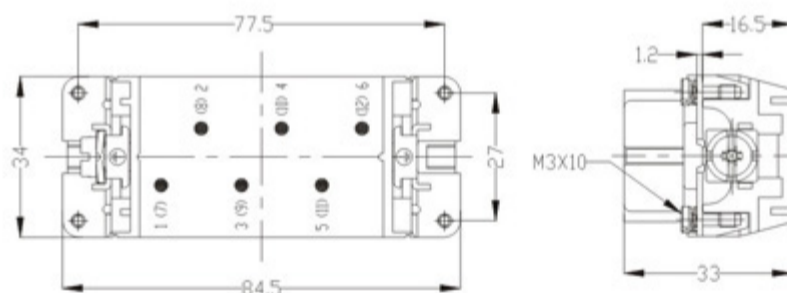
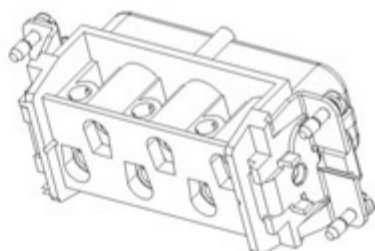
| TYPE           | HZW-HSB-006-M  | HZW-HSB-006-F  | HZW-HSB-012-M  | HZW-HSB-012-F  |
|----------------|----------------|----------------|----------------|----------------|
| Part number    | 61 266 006 661 | 61 266 006 662 | 61 266 012 663 | 61 266 012 664 |
| Hoods/Housings | Size HZW-HI 6B | Size HZW-HI 6B | Size HZW-H32B  | Size HZW-H32B  |

Drawing (Dimensions in mm)

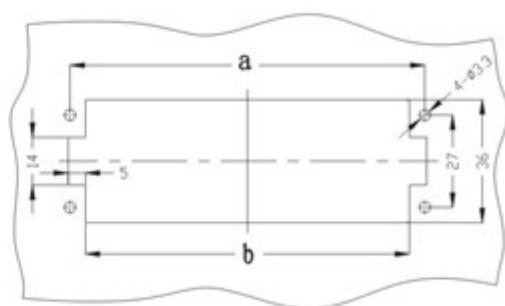
Male insert (M)



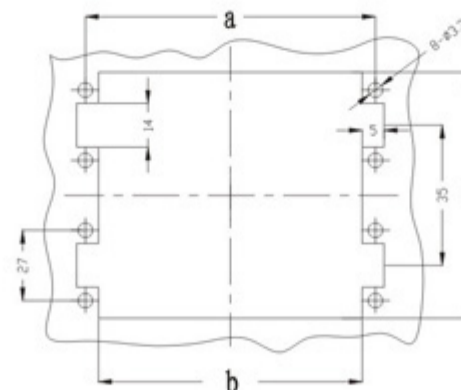
Female insert (F)



Panel cut out



HZW-HSB-006



HZW-HSB-012

Note: Suit hood/housings:Size HI 6B,H32B

Hood/Housing detail on "Hood/Housing" section