



HSB Series



1. Specifications
DIN VDE 0110 Concerning clearance and creepage distances
DIN VDE 0627 Connectors and plug devices
2. Standards
DIN EN 60 664-1
DIN EN 61 984
3. Approvals



Quarter Turn Locks
Compression Locks & Latches
Handle Locks
Rod Control Locks
Electronic Locks
Canopy Locks, Handles & Door Stay
Hinges
9 Fold Accessories
Sealing Profiles
Fan Filter
Panel Fasteners
Sleeve & Termination
Wiring Accessories

Connectors



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HSB technical characteristics

Specifications..... DIN EN 60 664-1
.....DIN EN 61 984

Number of contacts.....6,12(2x6) + PE

INSERTS

Working current..... 35A max
(See current carrying capacity)

Working voltage.....

Conductor - ground.....400V

Conductor - conductor.....690V

Test voltage urms.....6KV

Pollution degree.....3

Insulation resistance..... $\geq 10^{10}\Omega$

Material.....Polycarbonate

Temperature range.....-40°C... +125°C

Flammability acc. to UL94.....V0

Working voltage acc. to UL/CSA.....600V

Mechanical working life-mating cycles..... ≥ 500

CONTACTS

Material.....Copper alloy

Surface.....Hard silver-plated

Contact resistance..... $\geq 1m\Omega$

Terminal.....Screw terminal

- mm^21.5-6 mm^2

- AWG.....16-10

- Tightening/test torque.....1.2 Nm

HOODS, HOUSINGS

Material.....Die Cast Aluminium

Surface.....Powder-coated (RAL 7037)

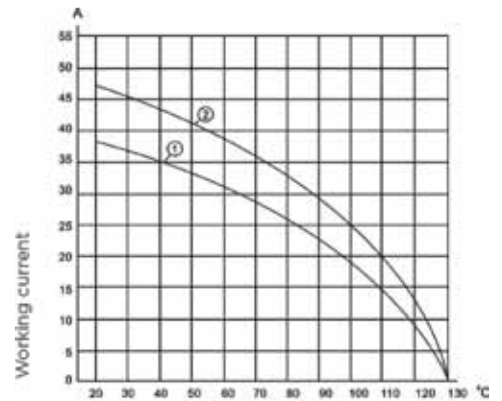
Locking element.....Stainless steel, steel-zinc plated

Temperature range.....-40°C... +125°C

Degree of protection acc. to DIN40 050.....IP65

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 IEC 60512-3.



Ambient temperature

- 1 Wire gauge: 4.0mm²
- 2 Wire gauge: 6.0mm²