



HEAV Contact Series



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

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**

HEAV/HESAV technical characteristics

Specifications..... DIN EN 60 664-1
.....DIN EN 61984

Number of contacts.....6,10,16,24 + PE

INSERTS

Working current..... 16A max
(See current carrying capacity)
Working voltage..... 500V
Test voltage urms..... 6KV
Test voltage urms acc. to TUV.....4KV
Pollution degree..... 2
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

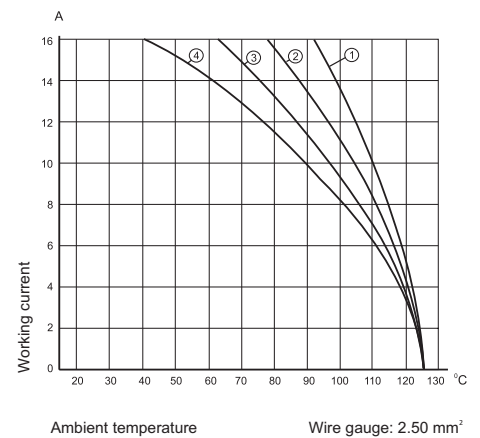
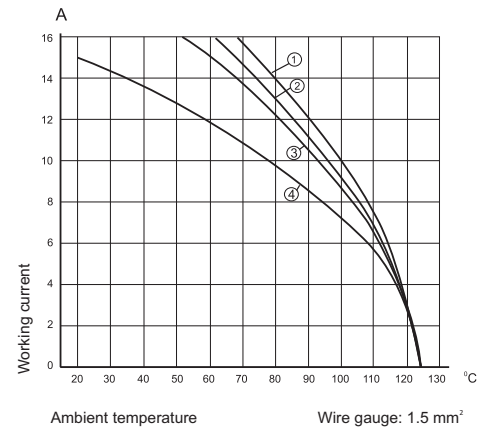
Material..... Copper alloy
Surface..... Hard silver-plated
Contact resistance..... $\geq 4m\Omega$
HEAV Terminal..... Screw terminal
- mm².....0.2-2.5mm²
- AWG.....24-14
HESAV Terminal.....Spring terminal
- mm².....0.5-2.5mm²
- AWG.....20-14

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.



- 1 H E AV-006/H ESAV-006
- 2 H EAV-010/H ESAV-010
- 3 H EAV-016/H ESAV-016
- 4 H EAV-024/H ESAV-024