

Economic
and Reliable
Connections

1 Kit per Packaging -
Easy Choice for You!

Specifications

VDE 0110 Standard concerning clearance and creepage distances

VDE 0627 Connectors

Standards

UL, CSA, SEV for inserts and housings



Certified according to DIN EN ISO 9001
in design/ development, production,
installation and service.

Termination

- Screw terminal

Inserts

- Leading protective ground
- Polarized for correct mating
- Interchangeability of male & female inserts in hoods and housings

Housings

- Electrical connection with protective ground
- High mechanical strength and vibration resistance ensured by locking levers.

Accessories

- Cable glands are not included in the standard kit and must be ordered separately.

General Remarks

It is the user's responsibility to check whether the components belonging to these kits comply with different regulations from those stated in special fields of application which we are unable to foresee.

We reserve the right to modify designs in order to improve quality, keep pace with technological advancement or meet particular requirements in production.

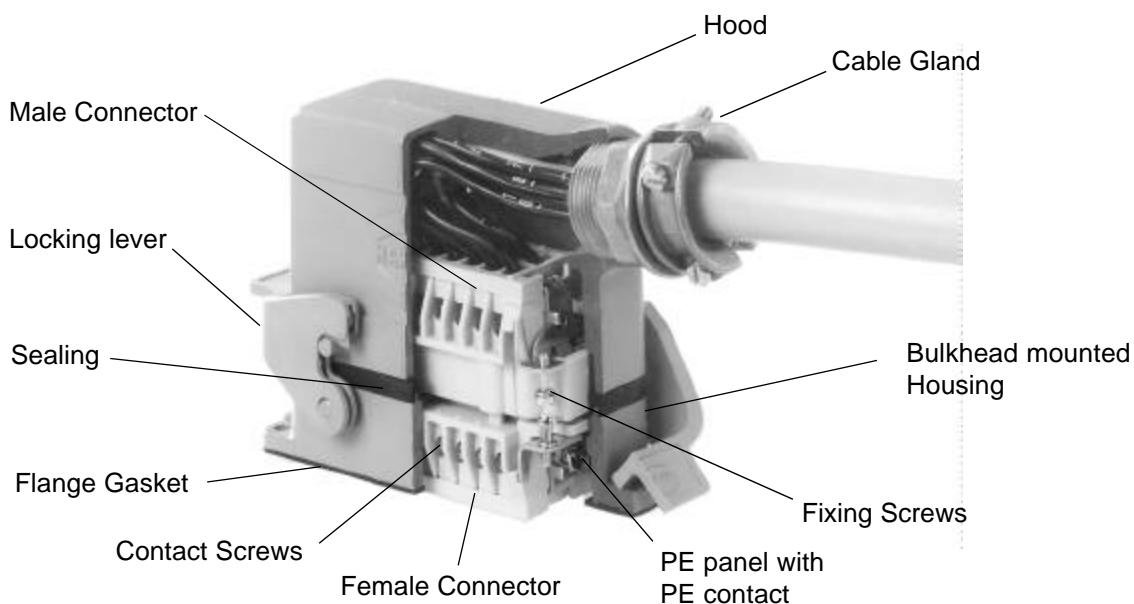
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We are bound by the German version only.

Note

Connectors should not be connected and disconnected under electrical load. Connectors are electrical components which should be installed by properly trained personnel only!
Connectors of the same or different series that are mounted in a side-by-side configuration may be protected against incorrect mating through the use of coding pins and bushings.

Han-Kit® 16 B



Screw terminal

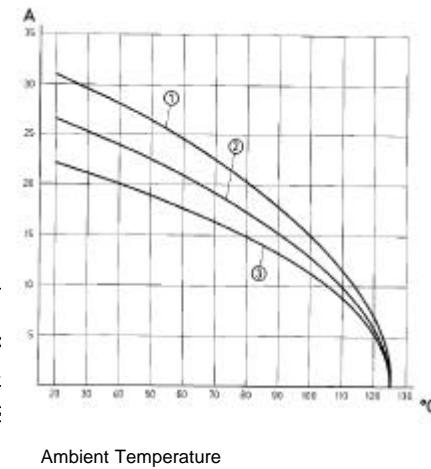


| Inserts | Max. Wire Gauge (mm²) | AWG | Stripping Length a (mm) | Sheath Length x (mm) |
|---------------------|-----------------------|-----|-------------------------|----------------------|
| Han 3A.... + 4A.... | 2.5 | 14 | 4.5 | 40 mm |
| Han 10 A | 2.5 | 14 | 7 | 85 mm |
| Han 16 A | 2.5 | 14 | 7 | 100 mm |
| Han 6 B | 2.5 | 14 | 7 | 70 mm |
| Han 10 B | 2.5 | 14 | 7 | 90 mm |
| Han 16 B | 2.5 | 14 | 7 | 110 mm |
| Han 24 B | 2.5 | 14 | 7 | 130 mm |

Derating Diagrams

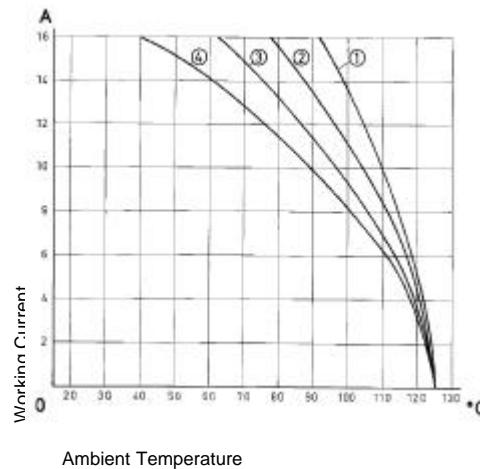
The current carrying capacity is limited by maximum temperature of materials for inserts and contacts including terminals. The current capacity-curve is valid for continuous, not interrupted current-loaded contacts of connectors when simultaneous power on all contacts is given, without exceeding the maximum temperature according to DIN IEC 512-3.

Wire gauge: 2.5 mm² = AWG 14



Ambient Temperature

- 1 = Han 3 A / 4 A
- 2 = Han 10 A
- 3 = Han 16 A



Ambient Temperature

- 1 = Han 6 B
- 2 = Han 10 B
- 3 = Han 16 B
- 4 = Han 24 B

Recommended Tightning Torques and Screw Driver Blades

| Size of screw | Type of connector | Tightening torque [Nm] | Tightening torque [In-lbf] | Recomm. Screw drive size (mm) |
|---------------|----------------------------------|------------------------|----------------------------|-------------------------------|
| M3 | Screw Contact Han 3A.../4A... | 0.5 | 4.4 | 0.5 x 3.5 |
| M3 | Screw Contact Han 10+16A + 6-24B | 0.5 | 4.4 | 0.5 x 3.5 |
| M3.5 | PE-Contact Han 10+16A | 1.2 | 10.6 | 0.5 x 3.5 |
| M4 | PE-Contact Han 6-24B | 1.2 | 10.6 | 0.5 x 3.5 |

Han-Kit®-10A

Part Number: 10 20 010 0000



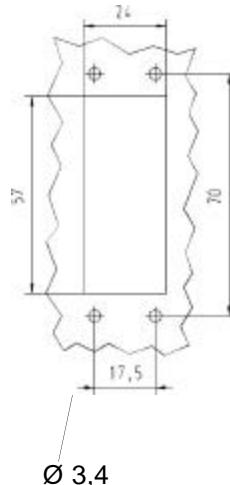
Hood: Han 10 A
 Material: Die cast light alloy
 Degree of protection: IP 65
 Cable entry protection: Pg 16

Male insert: Han 10 A/10 poles +
 Screw termination: up to 2.5 mm² 
 Working voltage: 600V UL/CSA
 Working current: 16 A

Female insert: Han 10 A/10 poles +
 Screw termination: up to 2.5 mm² 
 Working voltage: 600V UL/CSA
 Working current: 16 A

Housing
 bulkhead mounting: Han 10 A
 Material: Die cast light alloy
 Flange gasket

Degree of protection according to IEC 529 / EN 60529
in locked position: IP 65

**Panel cut out
57 x 24 mm**


Han-Kit®-16A

Part Number: 10 20 016 0000



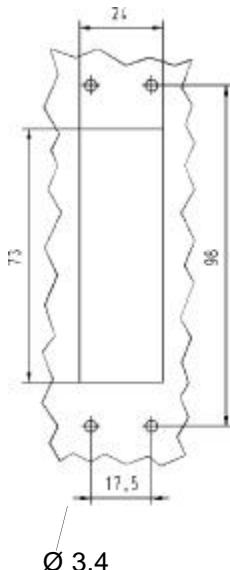
Hood: Han 16 A
 Material: Die cast light alloy
 Degree of protection: IP 65
 Cable entry protection: Pg 16

Male insert: Han 16A/16 poles +
 Screw termination: up to 2.5 mm² 
 Working voltage: 600V UL/CSA
 Working current: 16 A

Female insert: Han 16 A/16 poles +
 Screw termination: up to 2.5 mm² 
 Working voltage: 600V UL/CSA
 Working current: 16 A

Housing
 bulkhead mounting: Han 16 A
 Material: Die cast light alloy
 Flange gasket

Degree of protection according to IEC 529 / EN 60529
in locked position: IP 65

**Panel cut out
73 x 24 mm**


Mouser Electronics

Authorized Distributor

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