

HARTING Heavy Duty Han® Power Connectors



HEAVY DUTY HAN® POWER CONNECTORS

Rated 10 to 100 amps

Han® connectors are multi-pin connectors that utilize hoods and housings for protection from dust, liquids, and physical damage. All series have UL and CSA electrical approvals and NEMA Type 4/12 and IP type environmental ratings as well as many international approvals.

Inserts carry the male and female contacts and feature protective leading ground, polarization to prevent incorrect connections, and interchangeability of male and female inserts in either hoods or housings. Inserts can also be used in rack and panel applications without hoods and housings.

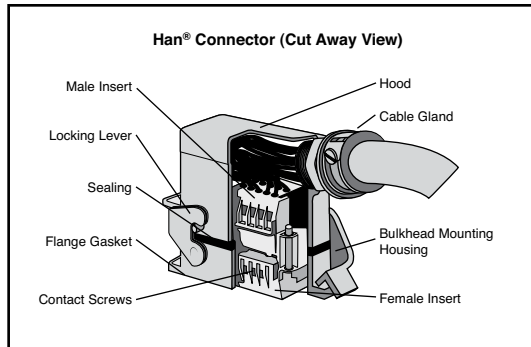
Hoods connect to the cable and housings generally mount to the cabinet or machine. All hoods and housings meet NEMA Type 4/12 and equivalent international standard IEC 529 (DIN 40050) IP 65 degree of protection, which specifies that enclosures are protected.

HARTING Heavy Duty Han® connectors can be used in a wide variety of applications in many industries including:

- Robotics
- Transportation
- Machine tools
- Conveyors
- Chemical plants
- Semiconductor
- Industrial Automation
- Plastics machinery
- Power utilities
- and many others.

For a complete connector: choose a kit or pick male and female mating inserts with same size hood and housing. Order crimp contacts and cable glands when necessary.

RoHS compliant per HARTING documentation



HAN® A/B MATING CONNECTOR KITS

Features:

- Ready to assemble complete connector kit
- Heavy duty screw terminal inserts
- IP65/ NEMA 4 rated assemblies
- Hood/Housing Color: Gray
- Male & Female inserts are interchangeable between hoods and housings.

Each Kit Includes:

Female Insert, Male Insert, Hood, Housing, Mounting Gasket, and Cable Gland

All parts on this page are RoHS compliant per HARTING documentation



HAN-KIT® 3AGM

Cable Gland:

- Size: M20
- Material: Metal
- Cable Diameter: 5-9mm / 6-12mm

Male Insert:

- Han 3 A Series
- Rated voltage: 600V UL/CSA
- Positions: 3-pins + PE
- Rated current: 10A
- Screw terminal: 1.0 to 2.5mm², AWG 18-14

Housing:

- Han 3A Series
- Mounting: Straight Bulkhead
- Material: Die cast zinc alloy
- Flange Gasket
- Panel Cutout: 22 x 22mm

Hood:

- Han 3A Series
- Degree of protection: IP 67
- Material: Die cast zinc alloy
- Cable entry: M20

Female Insert:

- Han 3A Series
- Rated voltage: 600V UL/CSA
- Positions: 3-pins + PE
- Rated current: 10A
- Screw terminal: 1.0 to 2.5mm², AWG 18-14



RoHS Compliant

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	HARTING Part No.	Price Each
617-10-20-003-0001	10 20 003 0001	

HAN-KIT® 6B

Cable Gland:

- Size: M20
- Material: Metal
- Cable Diameter: 5-9mm/ 6-12mm

Male Insert:

- Han 6E Series
- Working voltage: 600V UL/CSA
- Positions: 6-pins + PE
- Working current: 16A
- Screw terminal: 1.0 to 2.5mm², AWG 18-14

Housing:

- Han 6B Series
- Material: Die cast aluminum alloy
- Flange Gasket
- Panel Cutout: 48 x 35mm
- Mounting: Straight Bulkhead

Hood:

- Han 6B Series
- Degree of protection: IP 65
- Material: Die cast aluminum alloy
- Cable entry: M20

Female Insert:

- Han 6E Series
- Working voltage: 600V UL/CSA
- Positions: 6-pins + PE
- Working current: 16A
- Screw terminal: 1.0 to 2.5mm², AWG 18-14



RoHS Compliant

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	HARTING Part No.	Price Each
617-10-33-006-0000	10 33 006 0000	

HAN-KIT® 10B

Cable Gland:

- Size: M25
- Material: Metal
- Cable Diameter: 9-16mm/ 13-18mm

Male Insert:

- Han 10 E Series
- Working voltage: 600V UL/CSA
- Positions: 10-pins + PE
- Working current: 16A
- Screw terminal: 1.0 to 2.5mm², AWG 18-14

Housing:

- Bulkhead mounting Han 10B Series
- Material: Die cast aluminum alloy
- Flange Gasket
- Panel Cutout: 60 x 35mm
- Mounting: Straight Bulkhead

Hood:

- Han 10B Series
- Degree of protection: IP 65
- Material: Die cast aluminum alloy
- Cable entry: M25

Female Insert:

- Han 10E Series
- Working voltage: 600V UL/CSA
- Positions: 10-pins + PE
- Working current: 16A
- Screw terminal: 1.0 to 2.5mm², AWG 18-14



RoHS Compliant

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	HARTING Part No.	Price Each
617-10-33-010-0000	10 33 010 0000	

HAN-KIT® 16B

Cable Gland:

- Size: M32
- Material: Metal
- Cable Diameter: 13-20mm/ 18-25mm

Male Insert:

- Han 16E Series
- Working voltage: 600V UL/CSA
- Positions: 16-pins + PE
- Working current: 16A
- Screw terminal: 1.0 to 2.5mm², AWG 18-14

Housing:

- Han 16E Series
- Material: Die cast aluminum alloy
- Flange Gasket
- Panel Cutout: 82 x 35mm
- Mounting: Straight Bulkhead

Hood:

- Han 16B Series
- Degree of protection: IP 65
- Material: Die cast aluminum alloy
- Cable entry: M32

Female Insert:

- Han 16E Series
- Working voltage: 600V UL/CSA
- Positions: 16-pins + PE
- Working current: 16A
- Screw terminal: 1.0 to 2.5mm², AWG 18-14



RoHS Compliant

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MOUSER STOCK NO.	HARTING Part No.	Price Each
617-10-33-016-0000	10 33 016 0000	

HAN-KIT® 24B

Cable Gland:

- Size: M32
- Material: Metal
- Cable Diameter: 13-20mm/ 18-25mm

Male Insert:

- Han 24E Series
- Working voltage: 600V UL/CSA
- Positions: 24-pins + PE
- Working current: 16A
- Screw terminal: 1.0 to 2.5mm², AWG 18-14

Housing:

- Han 24B Series
- Material: Die cast aluminum alloy
- Flange Gasket
- Panel Cutout: 108 x 35mm
- Mounting: Straight Bulkhead

Hood:

- Han 24B Series
- Degree of protection: IP 65
- Material: Die cast aluminum alloy
- Cable entry: M32

Female Insert:

- Han 24E Series
- Working voltage: 600V UL/CSA
- Positions: 24-pins + PE
- Working current: 16A
- Screw terminal: 1.0 to 2.5mm², AWG 18-14



RoHS Compliant

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	HARTING Part No.	Price Each
617-10-33-024-0000	10 33 024 0000	

HARTING Rectangular Power