
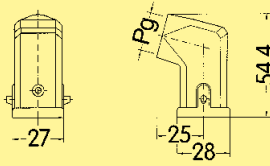

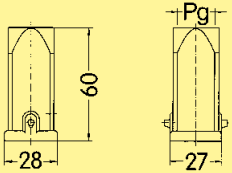

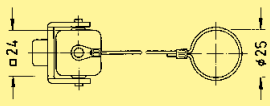


Metal hoods/housings for industrial applications / 1 lever locking system


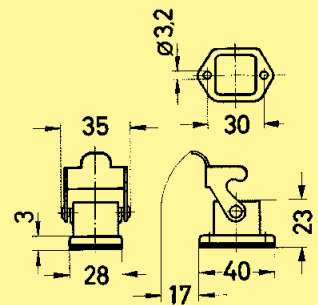

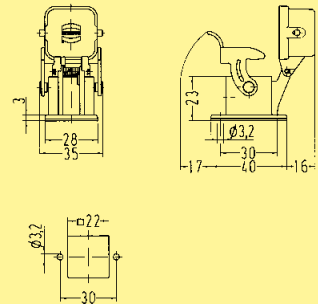

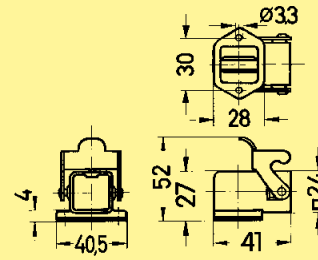

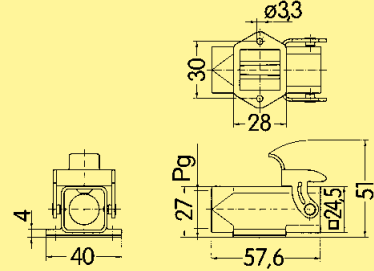

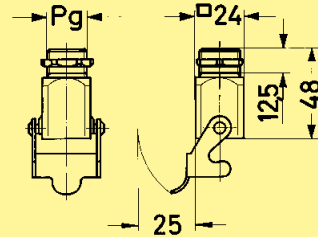
Identification	Part number	Pg	Drawing	Dimensions in mm
<p>Hoods side entry</p> 	<p>09 20 003 1640</p>	<p>1 x 11</p>		
<p>Hoods top entry</p> 	<p>09 20 003 1440</p>	<p>1 x 11</p>		
<p>Protection covers for hoods</p> 	<p>09 20 003 5422²⁾ 09 20 003 5421¹⁾</p>			

Han Hoods
Housings

¹⁾ for mounted female insert
²⁾ for mounted male insert

Stock items in bold type

Metal hoods/housings for industrial applications / 1 lever locking system

Identification	Part number	Pg	Drawing	Dimensions in mm
Housings, bulkhead mounting		09 20 003 0301		Panel cut out 22 x 22 mm
		09 20 003 0305²⁾ 09 20 003 0306¹⁾		Panel cut out 22 x 22 mm
		09 20 003 0801		Panel cut out 22 x 22 mm
Housings, surface mounting top entry		09 20 003 1250		1 x 11
		bottom closed 09 20 003 1252		1 x 11
Housings, screw mounting top entry		09 20 003 0102		1 x 13.5


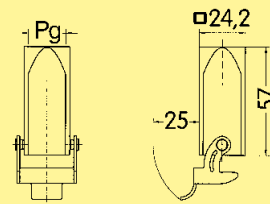

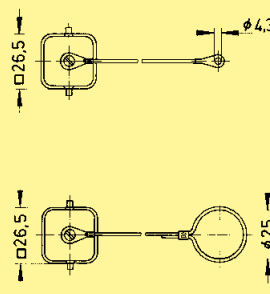
Han Hoods Housings

Stock items in bold type

¹⁾ for mounted female insert

²⁾ for mounted male insert

Metal hoods/housings for industrial applications / 1 lever locking system

Identification	Part number	Pg	Drawing	Dimensions in mm
<p>Hoods, cable to cable top entry</p> 	<p>09 20 003 1750</p>	<p>1 x 11</p>		
<p>Protection covers</p> 	<p>for housings 09 20 003 5426²⁾ for housings 09 20 003 5425¹⁾ for hoods cable to cable 09 20 003 5428²⁾ for hoods cable to cable 09 20 003 5427¹⁾</p>			

Han Hoods
Housings

¹⁾ for mounted female insert
²⁾ for mounted male insert

Stock items in bold type

Han® 3 A Standard Hoods/Housings

Metal hoods/housings for industrial applications

Material	zinc die-cast
Colour	RAL 7037 (grey)
Surface	powder-coated
Locking element	steel, zinc-plated
Lever type	lever, metal
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Flammability acc. to UL 94	V 0
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 44 IP 67 is achieved with seal screw 09 20 000 9918

Han-Drive® Housings for motor applications

Material	aluminium die-cast
Colour	non coloured / RAL 7037 (grey)
Surface	electrical conductive / powder-coated / unpainted
Locking element	Stainless steel
Lever type	Han-Easy Lock®
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Approval acc. to UL 50	NEMA Type 4/4X/12
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 65

Han® 3 A Hoods/Housings

Plastic hoods/housings for industrial applications

Material	thermoplastic
Colour	RAL 7032 (light grey) / RAL 9005 (black)
Lever type	lever, plastic
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Approval acc. to UL 50	NEMA Type 4/4X/12
Flammability acc. to UL 94	V 0
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 67

Han® 3 M Hoods/Housings

Hoods/Housings for higher environmental requirements

Material	zinc die-cast
Colour	RAL 9005 (black)
Surface	- Top coat Epoxy powder paint
Locking element	Stainless steel
Lever type	lever, metal
Hoods/Housings seal	FPM
Limiting temperatures	-40 °C ... +125 °C
Corrosion resistance	ASTM B117-09 (500 h)
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 44 IP 67 is achieved with seal screw 09 20 000 9918

Han® Standard Hoods/Housings

Metal hoods/housings for industrial applications

Material	aluminium die-cast
Colour	RAL 7037 (grey)
Surface	powder-coated
Locking element	Stainless steel
Lever type	Han-Easy Lock®
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Approval acc. to UL 50	NEMA Type 4/4X/12
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 65

Han® M Hoods/Housings

Hoods/Housings for higher environmental requirements

Material	aluminium die-cast
Colour	RAL 9005 (black)
Surface	- Top coat Epoxy powder paint
Locking element	Stainless steel
Lever type	lever, metal
Hoods/Housings seal	FPM
Limiting temperatures	-40 °C ... +125 °C
Approval acc. to UL 50	NEMA Type 4/4X/12
Corrosion resistance	ASTM B117-09 (500 h)
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 65

Han® 3 EMC Hoods/Housings

Hoods/Housings for higher EMC requirements

Material	zinc die-cast
Colour	non coloured
Surface	electrical conductive
Locking element	steel, zinc-plated
Lever type	lever, metal
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 44 IP 67 is achieved with seal screw 09 20 000 9918

Han® EMC Hoods/Housings

Hoods/Housings for higher EMC requirements

Material	aluminium die-cast
Colour	non coloured
Surface	electrical conductive
Locking element	
- central locking lever	Stainless steel
- Screw locking	M5
- Material	Stainless steel
- Tightening torque	3 Nm
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Approval acc. to UL 50	NEMA Type 4/4X/12
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 65

Han® EMC/B Hoods/Housings

Hoods/Housings for higher EMC requirements

Material	
- Hoods/Housings	aluminium die-cast
- shielded frames	zinc die-cast alloy
Colour	non coloured
Surface	
- Hoods/Housings	electrical conductive
- shielded frames	electrical conductive
Locking element	Stainless steel
Lever type	Han-Easy Lock®
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Approval acc. to UL 50	NEMA Type 4/4X/12
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 65

Han® 3 HPR Hoods/Housings

Hoods/Housings for harsh environmental requirements

Material	zinc die-cast
Colour	RAL 9005 (black)
Surface	
- Top coat	Epoxy powder paint / chromated
Locking element	
- Screw locking	M4
- Material	Stainless steel
- Tightening torque	2 Nm
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Corrosion resistance	ASTM B117-09 (500 h)
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 68 / IP 69K

Attention
The sealing on the insert has to be removed.

Han® HPR Hoods/Housings

Hoods/Housings for harsh environmental requirements

Material	aluminium die-cast, corrosion resistant
Colour	RAL 9005 (black)
Surface	
- Top coat	Epoxy powder paint
Locking element	
- Screw locking	M6
- Material	Stainless steel
- Tightening torque	4 Nm
- Toggle locking	
- Material	Stainless steel
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Approval acc. to UL 50	NEMA Type 4/4X/12
Corrosion resistance	ASTM B117-09 (500 h)
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 68 / IP 69K (does not apply to Han® 48 HPR)