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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	IP44 IP67 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	IP65

Han® 3 A Hoods/Housings Plastic hoods/housings for industrial applications

Material	polycarbonate
Colour	RAL 7032 (light grey) / RAL 9005 (black)
Locking element	polyamide
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	IP44 IP67 is achieved with seal screw 09 20 000 9918

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	IP44 IP67 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	IP65

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	IP65

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	IP44 IP67 is achieved with seal screw 09 20 000 9918

Han-INOX® Hoods/Housings for higher corrosion requirements

Material	stainless steel
Colour	non coloured
Surface	electrical conductive
Locking element	stainless steel
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	IP65 IP67 is achieved with seal screw 09 20 000 9918
- Size Han® 3 A	IP44

Han® EMC Hoods/Housings Hoods/Housings for higher EMC requirements

Material	aluminium die-cast
Colour	non coloured
Surface	electrical conductive
Locking element	
- 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	IP65

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	IP65 / IP68 / IP69K

Attention

If inserts of the series Han® Q and Han A® are used, the seal on the insert must be removed. The sealed screw of the insulation body must be replaced by the sealed screw of the hood.

For angled bulkhead or surface mounted housings with through holes in the mounting flange the user must make sure, that the fixing screws seal to the inner part of the housing.

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	IP65

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	IP65 / IP68 / IP69K

Features

- Standard hoods and housings for industrial applications
- Slim, space saving construction type

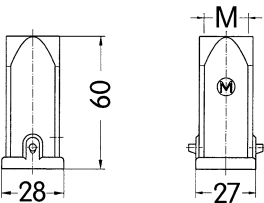
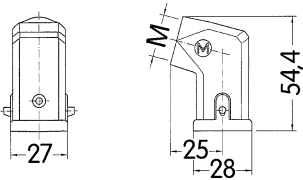
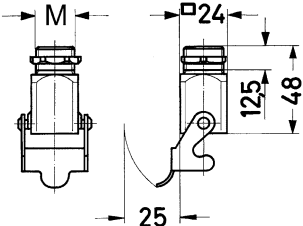
Technical characteristics

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC 60529	IP44, IP67, With seal screw 09 20 000 9918
Material (hood/housing)	Zinc die-cast
Surface (hood/housing)	Powder-coated
Colour (hood/housing)	RAL 7037 (dust grey)
Material (seal)	NBR
Material (locking)	Steel
Surface (locking)	Zinc plated

Specifications and approvals



Standard hoods and housings for industrial applications
Single locking lever

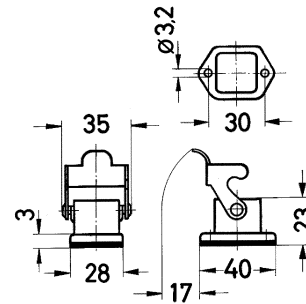
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Han A®, Hoods, With integrated cable gland, Top entry 	1x Integrated 1x Integrated	6 ... 12 11 ... 17	19 20 003 1421 19 20 003 1422	
Han A®, Hoods, Top entry 	1x M20 1x M25		19 20 003 1440 19 20 003 1445	
Han A®, Hoods, Side entry 	1x M20		19 20 003 1640	
Han A®, Screw mounted housings, Top entry 	1x M20		19 20 003 1150	

Identification	Cable entry	Cable diameter (mm)	Part number	Drawing (dimensions in mm)
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Han A® ,
Bulkhead mounted housings,
Straight



09 20 003 0301

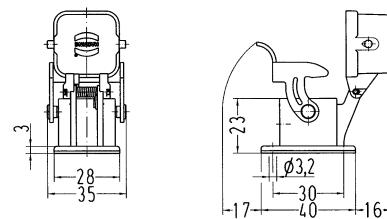


Panel cut out 22 x 22 mm

Han A® ,
Bulkhead mounted housings,
Straight,
With metal cover,
for male inserts



09 20 003 0305



Panel cut out 22 x 22 mm

Han A® ,
Bulkhead mounted housings,
Straight,
With seal,
for female inserts



09 20 003 0306

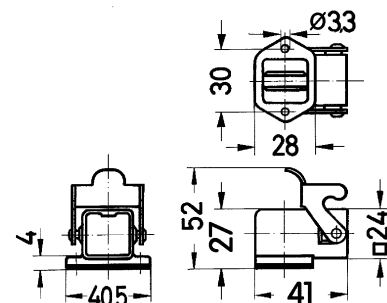


Panel cut out 22 x 22 mm

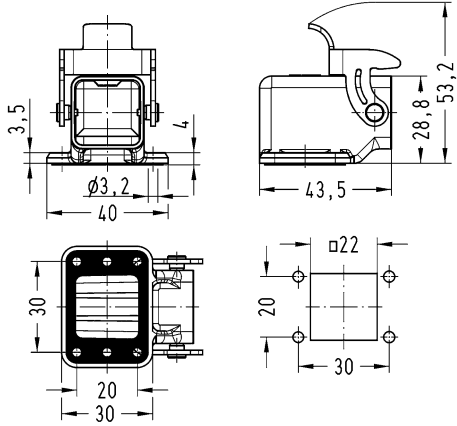
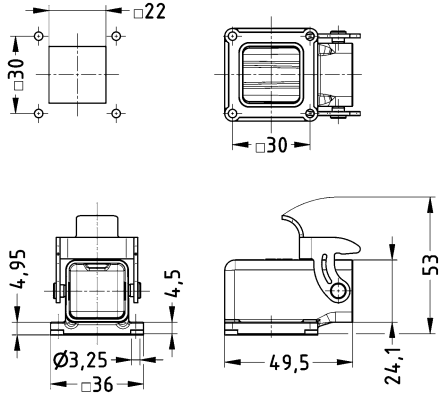
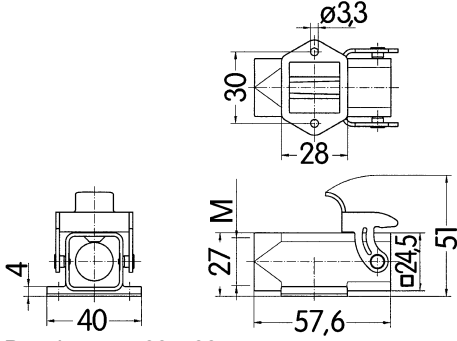
Han A® ,
Bulkhead mounted housings,
Angled

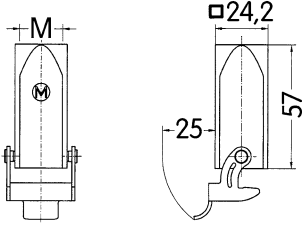
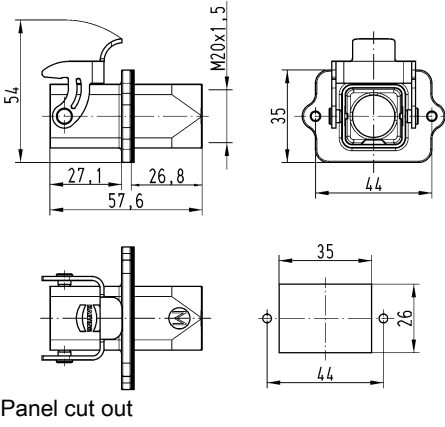
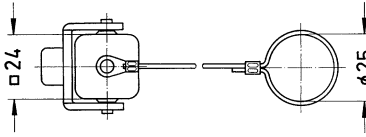
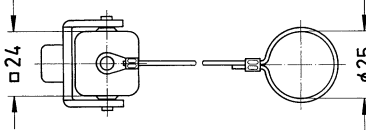
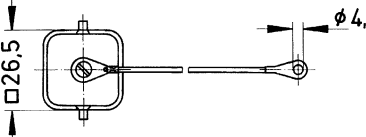


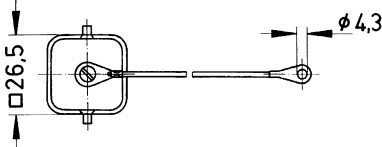
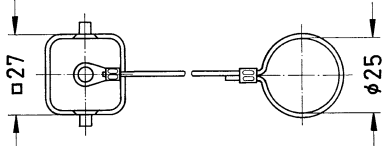
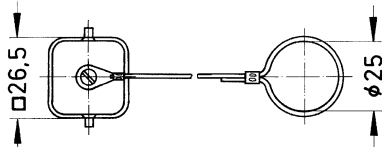
09 20 003 0801



Panel cut out 22 x 22 mm

Identification	Cable entry	Cable diameter (mm)	Part number	Drawing (dimensions in mm)
Han A® , Bulkhead mounted housings, Angled, 4 fixing screws 			09 20 003 0810	
Han A® , Bulkhead mounted housings, Angled, 4 fixing screws, Square mounting flange 			09 20 003 0811	
Han A® , Surface mounted housing, Open bottom, Top entry 	1x M20		19 20 003 1250	 Panel cut out 22 x 22 mm
Han A® , Surface mounted housing, Bottom closed, Top entry 	1x M20		19 20 003 1252	

Identification	Cable entry	Cable diameter (mm)	Part number	Drawing (dimensions in mm)
Han A®, Cable to cable housing, Top entry 	1x M20 1x M25		19 20 003 1750 19 20 003 1755	
Han A®, Panel feed through housing, Top entry 	1x M20		19 20 003 1120	 Panel cut out
Han A®, Protection cover for hoods, for mounted female insert, Metal, With fixing cord, With seal 			09 20 003 5421	
Han A®, Protection cover for hoods, for mounted male insert or for mounted Han-Brid® insert, Metal, With fixing cord 			09 20 003 5422	
Han A®, Protection cover for all housings, for mounted female insert or for mounted Han-Brid® insert, Metal, With fixing cord, With seal 			09 20 003 5425	

Identification	Cable entry	Cable diameter (mm)	Part number	Drawing (dimensions in mm)
Han A®, Protection cover for all housings, for mounted male insert, Metal, With fixing cord 			09 20 003 5426	
Han A®, Protection cover for cable to cable housings, for mounted female insert or for mounted Han-Brid® insert, Metal, With fixing cord, With seal 			09 20 003 5427	
Han A®, Protection cover for cable to cable housings, Metal, With fixing cord 			09 20 003 5428	

Features

- Hoods/housings for industrial applications
- Slim, space saving construction type

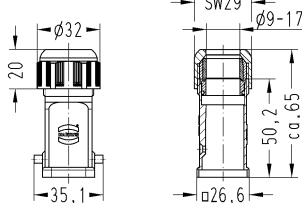
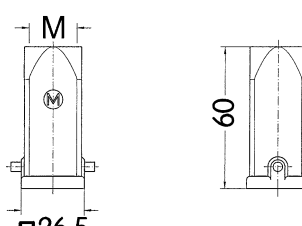
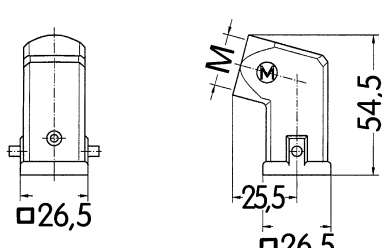
Technical characteristics

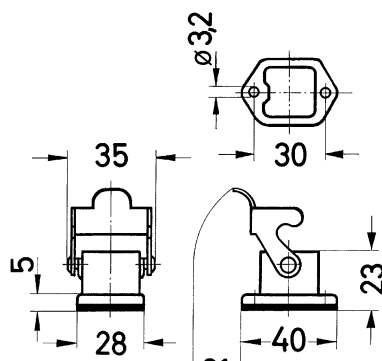
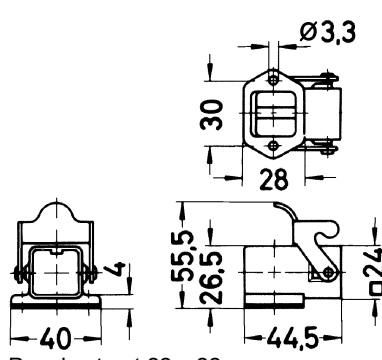
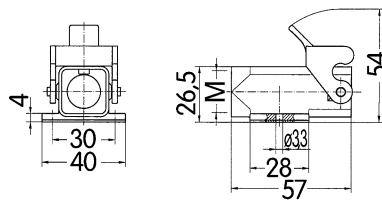
Limiting temperature	-40 ... +125 °C
Flammability acc. to UL 94	V-0
Flammability acc. to UL 94 (locking levers)	V-0
Degree of protection acc. to IEC 60529	IP44, IP67, With seal screw 09 20 000 9918
Degree of protection acc. to UL 50	4, 4X, 12
Material (hood/housing)	Polycarbonate
Colour (hood/housing)	RAL 7032 (pebble grey), RAL 9005 (jet black)
Material (seal)	NBR
Material (locking)	Polyamide
Colour (locking)	RAL 7032 (pebble grey), RAL 9005 (jet black)

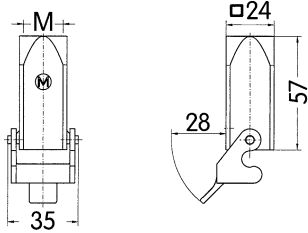
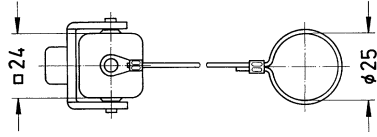
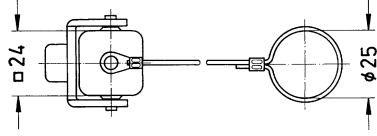
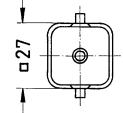
Specifications and approvals

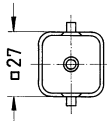
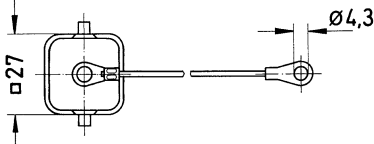
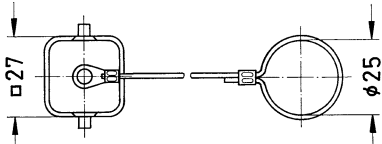
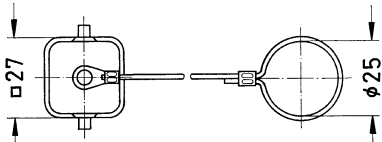


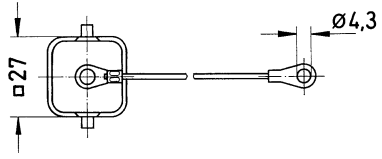
Standard hoods and housings for industrial applications
Single locking lever

Identification	Cable entry	Cable diameter (mm)	Part number	Drawing (dimensions in mm)	
Han A®, Hoods, With integrated cable gland, Top entry, Grey	1x Integrated 1x Integrated	7 ... 12 9 ... 17	19 20 003 0415 19 20 003 0410		
Han A®, Hoods, Top entry, Grey	1x M20 1x M25		19 20 003 0420 19 20 003 0430		
Han A®, Hoods, Top entry, Black	1x M20 1x M25		19 20 003 0427 19 20 003 0437		
Han A®, Hoods, Side entry, Grey	1x M20		19 20 003 0620		
Han A®, Hoods, Side entry, Black	1x M20		19 20 003 0627		

Identification	Cable entry	Cable diameter (mm)	Part number	Drawing (dimensions in mm)
Han A®, Bulkhead mounted housings, Straight, Grey 			09 20 003 0320	 Panel cut out 22 x 22 mm
Han A®, Bulkhead mounted housings, Straight, Black			09 20 003 0327	
Han A®, Bulkhead mounted housings, Angled, Grey 			09 20 003 0820	 Panel cut out 22 x 22 mm
Han A®, Bulkhead mounted housings, Angled, Black			09 20 003 0827	
Han A®, Surface mounted housing, Top entry, Grey 	1x M20		19 20 003 0220	 Panel cut out 22 x 22 mm
Han A®, Surface mounted housing, Top entry, Black	1x M20		19 20 003 0227	

Identification	Cable entry	Cable diameter (mm)	Part number	Drawing (dimensions in mm)
Han A®, Cable to cable housing, Top entry, Grey 	1x M20		19 20 003 0720	
Han A®, Cable to cable housing, Top entry, Black	1x M20		19 20 003 0727	
Han A®, Protection cover for hoods, for mounted female insert or for mounted Han-Brid® insert, Thermoplastic, With fixing cord, With seal, Grey 			09 20 003 5441	
Han A®, Protection cover for hoods, for mounted male insert or for mounted Han-Brid® insert, Thermoplastic, With fixing cord, Grey 			09 20 003 5442	
Han A®, Protection cover for all housings, Thermoplastic, Grey 			09 20 003 5407	
Han A®, Protection cover for all housings, for mounted female insert or for mounted Han-Brid® insert, Thermoplastic, With seal, Grey 			09 20 003 5408	

Identification	Cable entry	Cable diameter (mm)	Part number	Drawing (dimensions in mm)
Han A®, Protection cover for all housings, for mounted female insert or for mounted Han-Brid® insert, Thermoplastic, With seal, Black 			09 20 003 5409	
Han A®, Protection cover for all housings, for mounted female insert, Thermoplastic, With seal, With fixing cord, Grey 			09 20 003 5445	
Han A®, Protection cover for all housings, for mounted male insert, Thermoplastic, With fixing cord, Grey 			09 20 003 5446	
Han A®, Protection cover for cable to cable housings, for mounted female insert, Thermoplastic, With seal, With fixing cord, Grey 			09 20 003 5447	
Han A®, Protection cover for cable to cable housings, for mounted male insert, Thermoplastic, With fixing cord, Grey 			09 20 003 5448	

Identification	Cable entry	Cable diameter (mm)	Part number	Drawing (dimensions in mm)
Han A®, Protection cover for all housings, for mounted female insert, Thermoplastic, With seal, With fixing cord, Black 			09 20 003 5449	
Han A®, Protection cover for all housings, for mounted male insert, Thermoplastic, With fixing cord, Black 			09 20 003 5450	

Features

- Standard hoods and housings for industrial applications
- Slim, space saving construction type

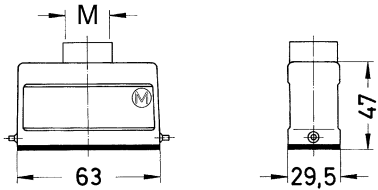
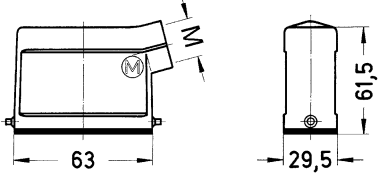
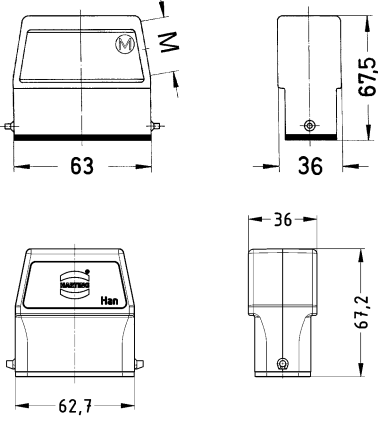
Technical characteristics

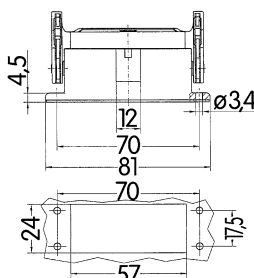
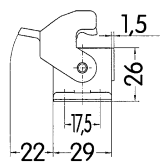
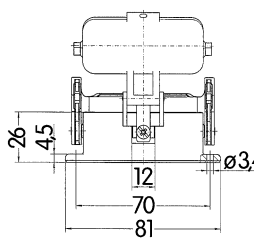
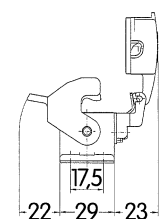
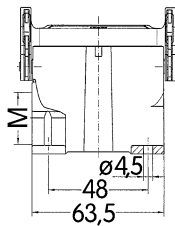
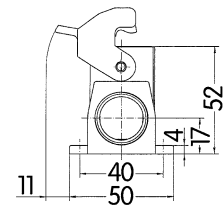
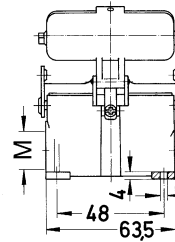
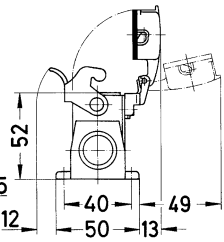
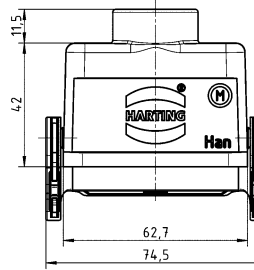
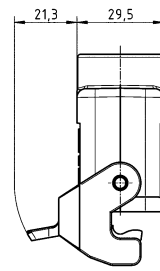
Limiting temperature	-40 ... +125 °C
Flammability acc. to UL 94 (locking levers)	V-0
Degree of protection acc. to IEC 60529	IP65
Degree of protection acc. to UL 50	4, 4X, 12
Material (hood/housing)	Aluminium die-cast
Surface (hood/housing)	Powder-coated
Colour (hood/housing)	RAL 7037 (dust grey)
Material (seal)	NBR
Material (locking)	Polycarbonate, Stainless steel
Colour (locking)	RAL 7037 (dust grey)

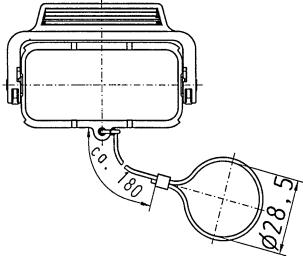
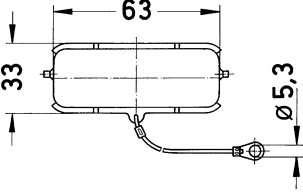
Specifications and approvals



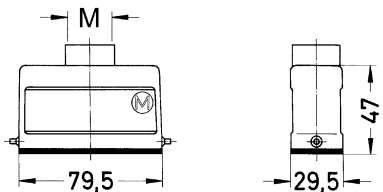
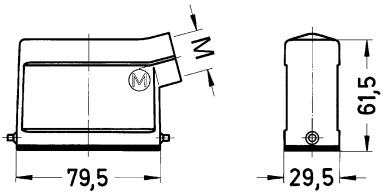
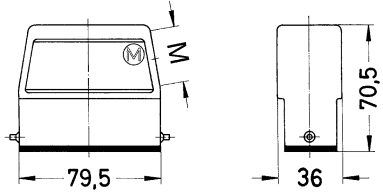
Standard hoods and housings for industrial applications
Single locking lever

Identification	Cable entry	Part number		Drawing (dimensions in mm)	
		Low construction	High construction		
Han A®, Hoods, Top entry 	1x M20 1x M25	19 20 010 1440	19 20 010 0446		
Han A®, Hoods, Side entry 	1x M20 1x M25	19 20 010 1540	19 20 010 0546		
Han A®, Hoods, Without cable entry 			09 20 010 0801		

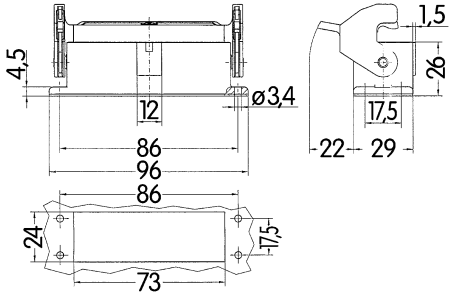
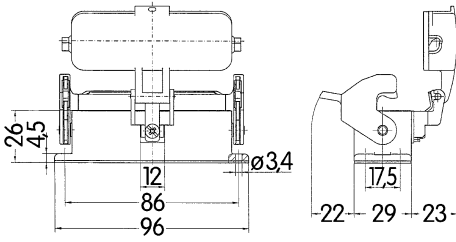
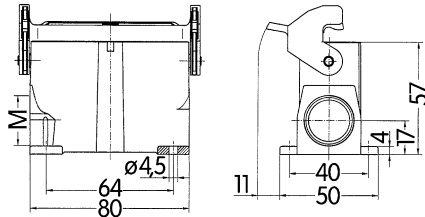
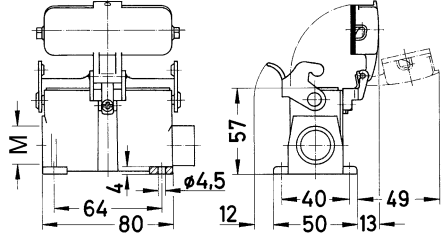
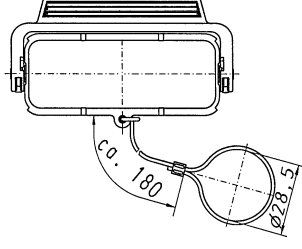
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han A®, Bulkhead mounted housings, Han-Easy Lock® 		09 20 010 0301		 
Han A®, Bulkhead mounted housings, With thermo-plastic cover, Han-Easy Lock® 		09 20 010 0321		 
Han A®, Surface mounted housing, Side entry, Han-Easy Lock® 	1x M25 2x M20	19 20 010 0251 19 20 010 0290		 
Han A®, Surface mounted housing, With thermo-plastic cover, Side entry, Han-Easy Lock® 	2x M20		19 20 010 0295	 
Han A®, Cable to cable housing, Top entry, Han-Easy Lock® 	1x M20	19 20 010 1730		 

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han A®, Protection cover for hoods, Metal, With fixing cord 		09 20 010 5423	09 20 010 5423	
Han A®, Protection cover for bulkhead and cable to cable housing, Metal, With fixing cord 		09 20 010 5425	09 20 010 5425	

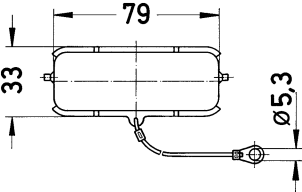
Standard hoods and housings for industrial applications
Single locking lever

Identification	Cable entry	Part number		Drawing (dimensions in mm)	
		Low construction	High construction		
Han A®, Hoods, Top entry 	1x M20 1x M25	19 20 016 1440	19 20 016 0446		
Han A®, Hoods, Side entry 	1x M20 1x M25	19 20 016 1540	19 20 016 0546		
Han A®, Hoods, Without cable entry 			09 20 016 0801		

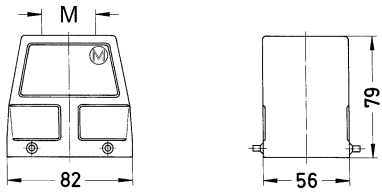
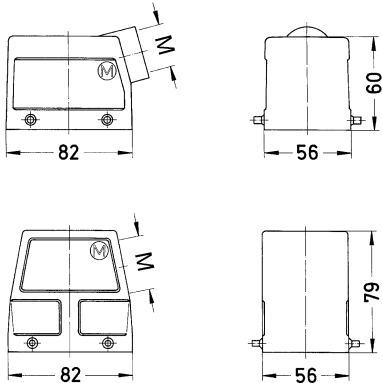
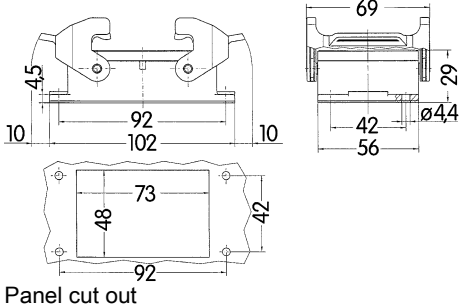
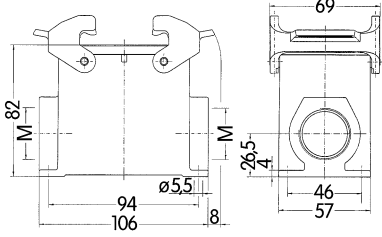
Housings

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han A®, Bulkhead mounted housings, Han-Easy Lock® 		09 20 016 0301		 Panel cut out
Han A®, Bulkhead mounted housings, With thermo-plastic cover, Han-Easy Lock® 		09 20 016 0321		
Han A®, Surface mounted housing, Side entry, Han-Easy Lock® 	1x M25 2x M20 2x M25	19 20 016 0251 19 20 016 0290 19 20 016 0291		
Han A®, Surface mounted housing, With thermo-plastic cover, Side entry, Han-Easy Lock® 	2x M20	19 20 016 0295		
Han A®, Protection cover for hoods, Metal, With fixing cord, Han-Easy Lock® 		09 20 016 5423	09 20 016 5423	

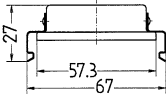
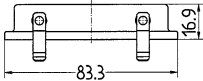
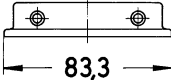
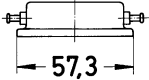


Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han A® , Protection cover for all housings, Metal, With fixing cord 		09 20 016 5425	09 20 016 5425	

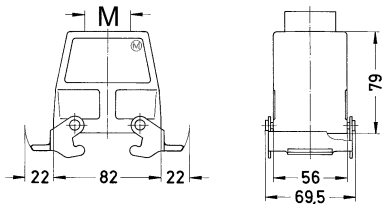
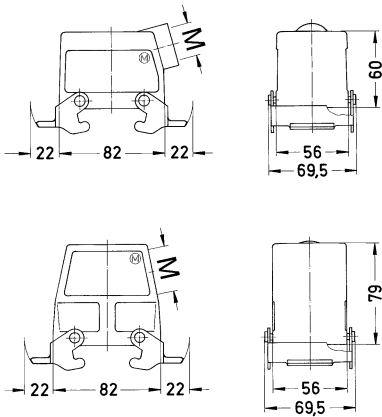
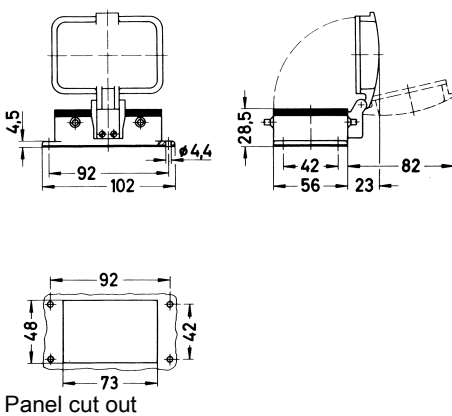
Standard hoods and housings for industrial applications
Double locking lever

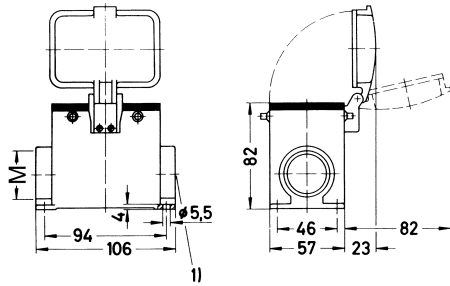
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han A®, Hoods, Top entry 	1x M25 1x M32		19 20 032 0426 19 20 032 0427	
Han A®, Hoods, Side entry 	1x M25 1x M32	19 20 032 1521	19 20 032 0527	
Han A®, Bulkhead mounted housings, Han-Easy Lock® 		09 20 032 0301		 Panel cut out
Han A®, Surface mounted housing, Side entry, Han-Easy Lock® 	1x M25 1x M32 2x M32		19 20 032 0231 19 20 032 0232 19 20 032 0272	



Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han A®, Protection cover for hoods, Metal 		09 20 032 5401	09 20 032 5401	 
Han A®, Protection cover for all housings, Metal 		09 20 032 5405	09 20 032 5405	 

Standard hoods and housings for industrial applications
Double locking lever (revers)

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han A®, Hoods, Top entry, Han-Easy Lock® 	1x M32		19 20 032 0437	
Han A®, Hoods, Side entry, Han-Easy Lock® 	1x M25 1x M32	19 20 032 1531	19 20 032 0537	
Han A®, Bulkhead mounted housings, With thermo-plastic cover 		09 20 032 0302		

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han A® , Surface mounted housing, With thermo-plastic cover, Side entry 	1x M25		19 20 032 0226	 1) Blind way for one cable entry

Features

- HARTING standard hoods and housings for industrial connectors
- Locking levers: Han-Easy Lock®
- Field of application: for excellent mechanical and electrical protection in demanding environments, for example, in the automobile and mechanical engineering industries also for process and regulation control applications
- Distinguishing feature: hoods/housings colour-coded grey (RAL 7037)
- Many variations: for precise industrial applications

Technical characteristics

Limiting temperature	-40 ... +125 °C
Flammability acc. to UL 94 (locking levers)	V-0
Degree of protection acc. to IEC 60529	IP65, IP67, In locked position, IP44, In unlocked position
Degree of protection acc. to UL 50	4, 4X, 12
Material (hood/housing)	Aluminium die-cast
Surface (hood/housing)	Powder-coated
Colour (hood/housing)	RAL 7037 (dust grey)
Material (seal)	NBR
Material (locking)	Polycarbonate, Stainless steel
Colour (locking)	RAL 7037 (dust grey)

Specifications and approvals



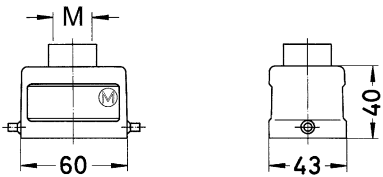
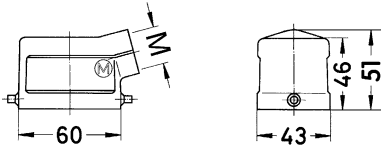
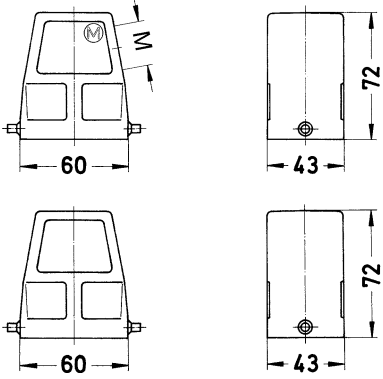
Details

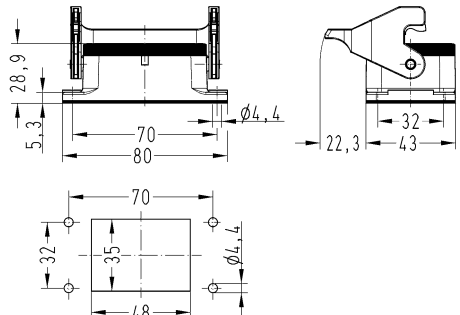
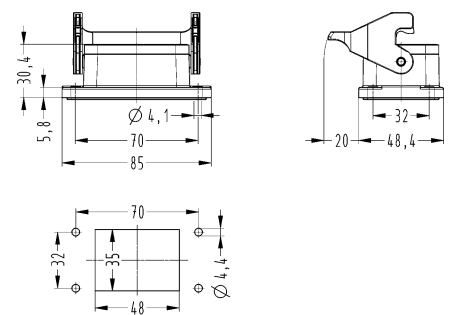
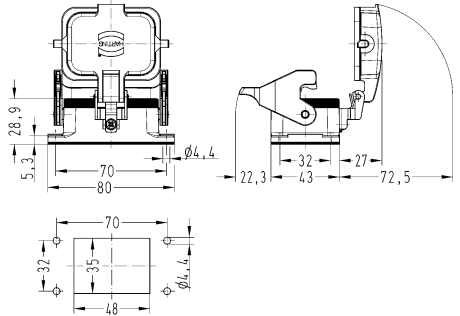
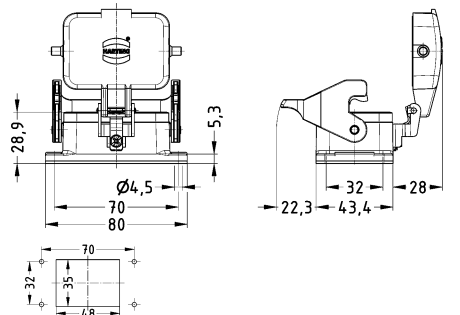
Standard degree of protection: IP65

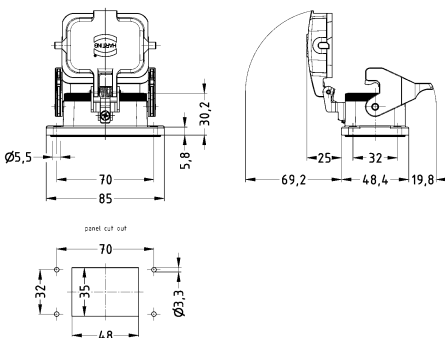
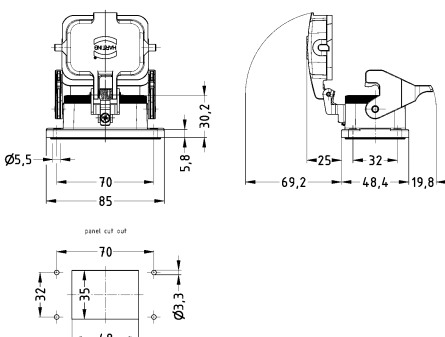
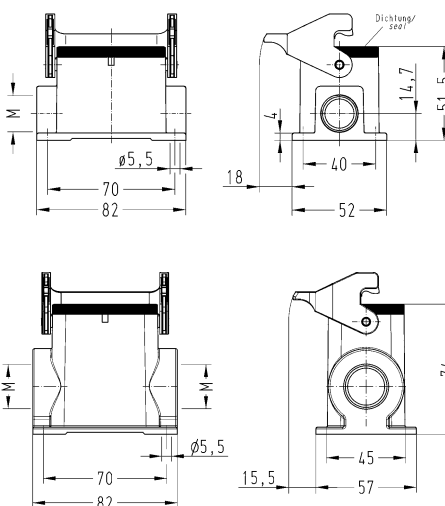
IP67 possible, in combination with special bulkhead mounted housings

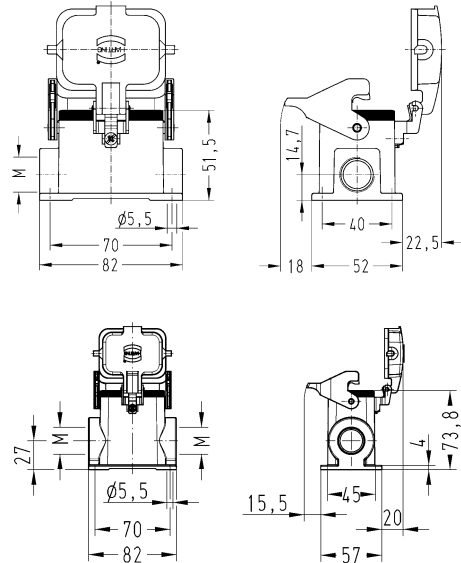
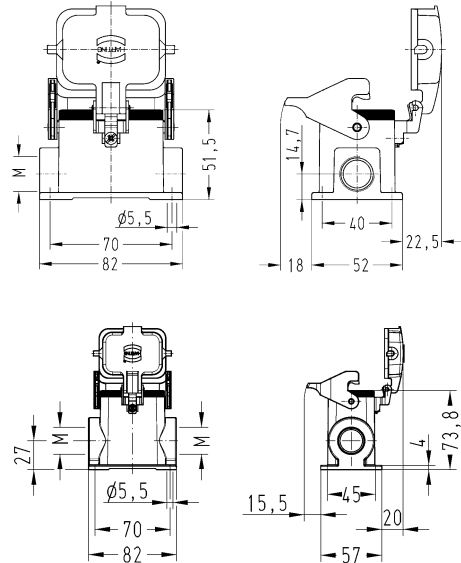
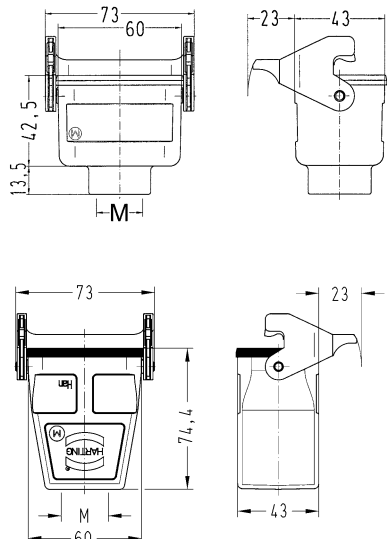
IP44 for self-closing covers in unlocked position

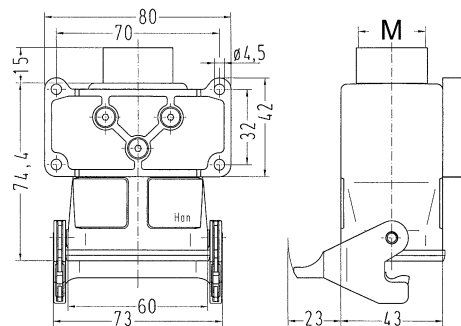
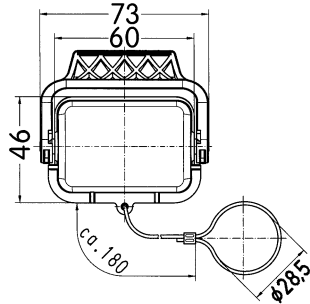
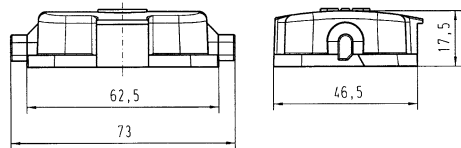
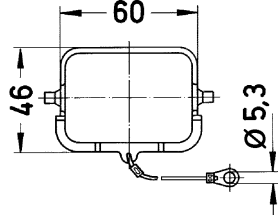
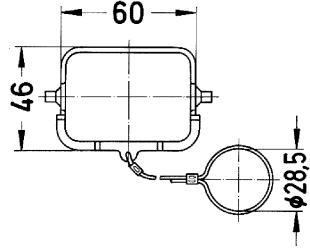
HARTING standard hoods and housings for industrial connectors
Single locking lever

Identification	Cable entry	Part number		Drawing (dimensions in mm)	
		Low construction	High construction		
Han® B , Hoods, Top entry 	1x M20 1x M25 1x M32	19 30 006 1440	19 30 006 0446 19 30 006 0447		
Han® B , Hoods, Side entry 	1x M20 1x M25 1x M32	19 30 006 1540 19 30 006 1541	19 30 006 0546 19 30 006 0547		
Han® B , Housings 			09 30 006 0801		

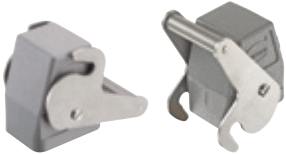
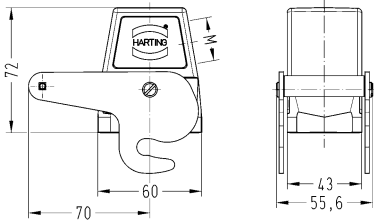
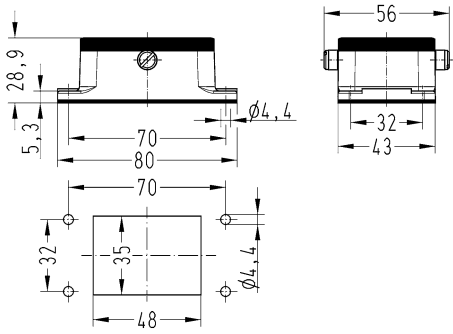
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Bulkhead mounted housings, Han-Easy Lock® 		09 30 006 0301		 Panel cut out
Han® B , Bulkhead mounted housings, Han-Easy Lock®, IP67 		09 30 006 1301		 Panel cut out
Han® B , Bulkhead mounted housings, With thermo-plastic cover, Han-Easy Lock® 		09 30 006 0302		 Panel cut out
Han® B , Bulkhead mounted housings, With metal cover, Han-Easy Lock® 		09 30 006 0318		 Panel cut out

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Bulkhead mounted housings, With self-closing cover, Han-Easy Lock® 		09 30 006 1306		 Panel cut out
Han® B , Bulkhead mounted housings, With thermo-plastic cover, Han-Easy Lock®, IP67 		09 30 006 1308		 Panel cut out
Han® B , Surface mounted housing, Side entry, Han-Easy Lock® 	1x M20 2x M20 2x M25 2x M32	19 30 006 1250 19 30 006 1290	19 30 006 0291 19 30 006 0292	

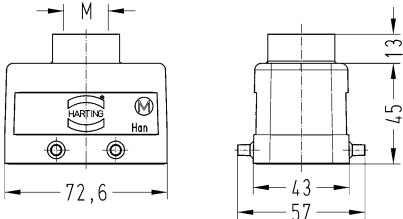
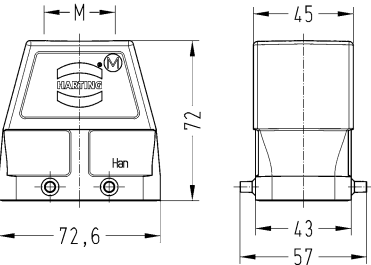
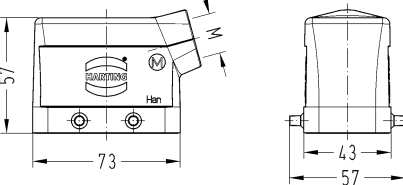
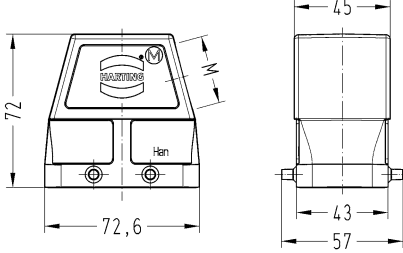
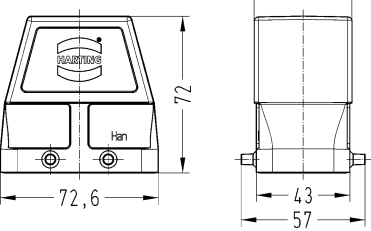
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Surface mounted housing, With thermo-plastic cover, Side entry, Han-Easy Lock® 	1x M20 2x M20 2x M25 2x M32	19 30 006 1255 19 30 006 1295	19 30 006 0296 19 30 006 0297	
Han® B , Surface mounted housing, With metal cover, Side entry, Han-Easy Lock® 	1x M20 2x M20 2x M25 2x M32	19 30 006 2255 19 30 006 2295	19 30 006 7296 19 30 006 7297	
Han® B , Cable to cable housing, Top entry, Han-Easy Lock® 	1x M20 1x M25 1x M32	19 30 006 1750	19 30 006 0756 19 30 006 0757	

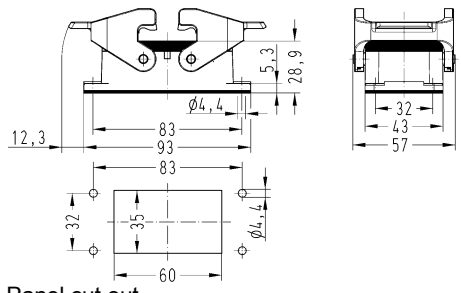
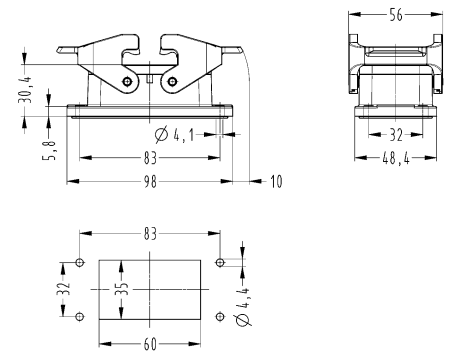
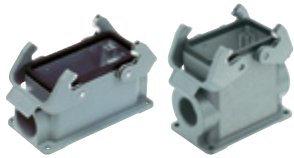
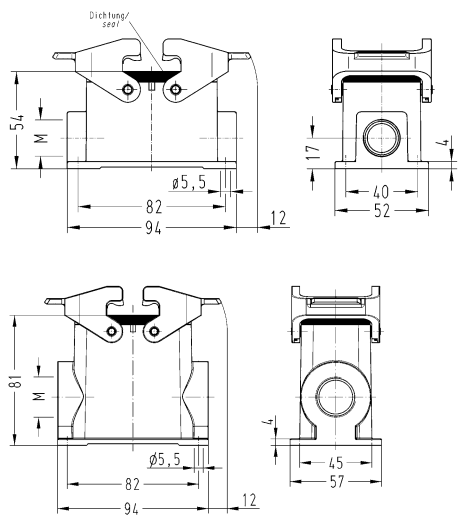
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Flange housings, Top entry, Han-Easy Lock® 	1x M25	19 30 006 0716		
Han® B , Protection cover for hoods, With fixing cord, Han-Easy Lock® 		09 30 006 5423	09 30 006 5423	
Han® B , Protection cover for all housings, Thermoplastic 		09 30 006 5404	09 30 006 5404	
Han® B , Protection cover for bulkhead and cable to cable housing, Metal, With fixing cord 		09 30 006 5425	09 30 006 5425	
Han® B , Protection cover for cable to cable housings, Metal, With fixing cord 		09 30 006 5427	09 30 006 5427	

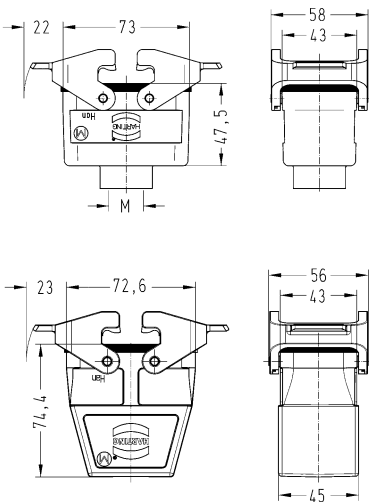
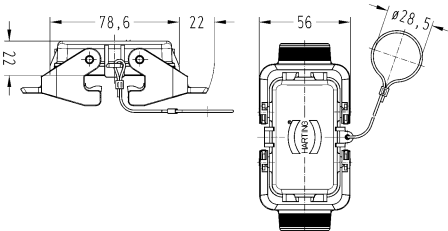
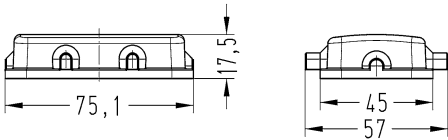
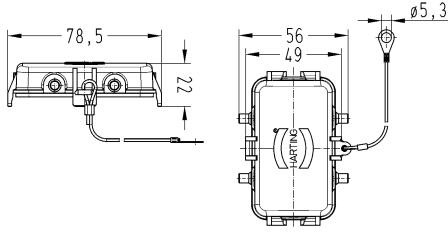
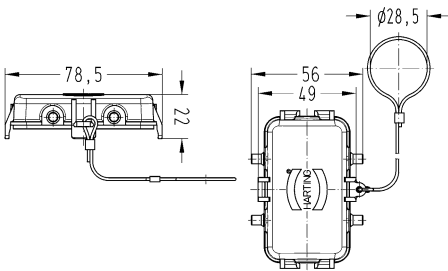
HARTING standard hoods and housings for industrial connectors
Central locking lever

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Hoods, Side entry 	1x M25 1x M32		19 30 006 0586 19 30 006 0587	
Han® B , Bulkhead mounted housings 		09 30 006 0381		 Panel cut out

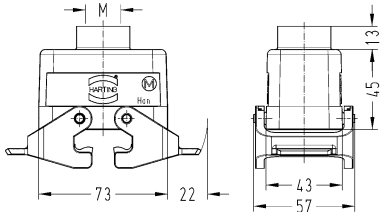
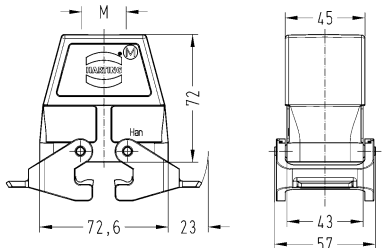
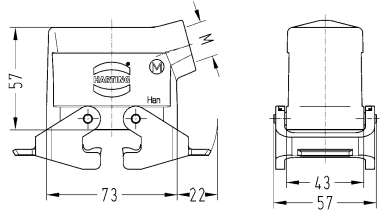
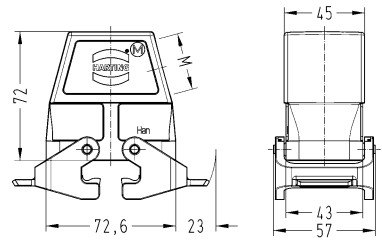
HARTING standard hoods and housings for industrial connectors
Double locking lever

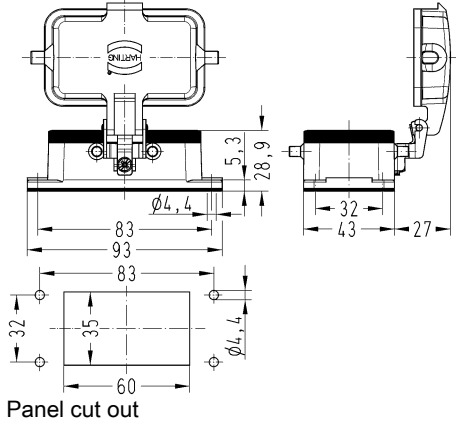
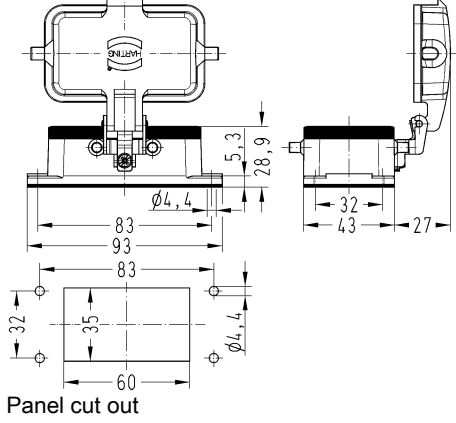
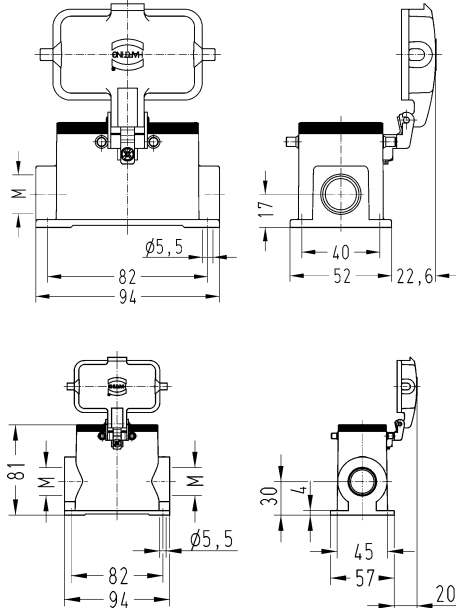
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Hoods, Top entry 	1x M20 1x M25 1x M32 1x M40 2x M20	19 30 010 1420 19 30 010 1421	19 30 010 0427 19 30 010 0428 19 30 010 0465	 
Han® B , Hoods, Side entry 	1x M20 1x M25 1x M32	19 30 010 1520 19 30 010 1521	19 30 010 0527	 
Han® B , Hoods, Without cable entry 			09 30 010 0801	

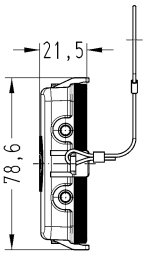
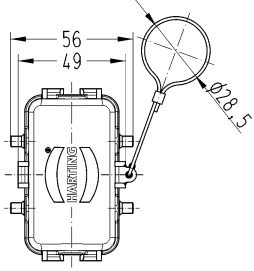
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Bulkhead mounted housings, Han-Easy Lock® 		09 30 010 0301		 Panel cut out
Han® B , Bulkhead mounted housings, Han-Easy Lock®, IP67 		09 30 010 1301		 Panel cut out
Han® B , Surface mounted housing, Side entry, Han-Easy Lock® 	1x M20 1x M25 2x M20 2x M25 2x M32	19 30 010 1230 19 30 010 1231 19 30 010 1270	19 30 010 0231 19 30 010 0271 19 30 010 0272	

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Cable to cable housing, Top entry, Han-Easy Lock® 	1x M20 1x M25 1x M32	19 30 010 1730	19 30 010 0736 19 30 010 0737	
Han® B , Protection cover for hoods, Metal, With fixing cord, Han-Easy Lock® 		09 30 010 5423	09 30 010 5423	
Han® B , Protection cover for all housings, Thermoplastic 		09 30 010 5407	09 30 010 5407	
Han® B , Protection cover for all housings, Metal, With fixing cord 		09 30 010 5425	09 30 010 5425	
Han® B , Protection cover for cable to cable housings, Metal, With fixing cord 		09 30 010 5427	09 30 010 5427	

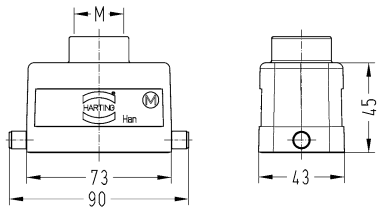
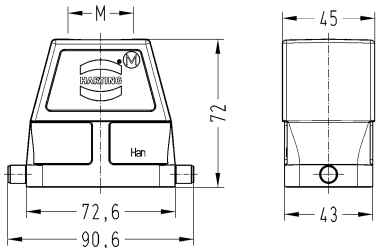
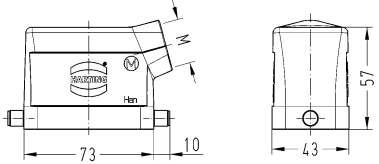
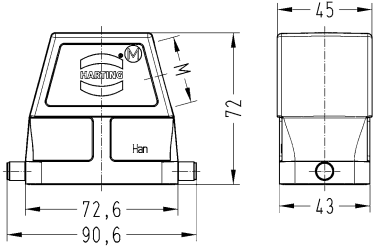
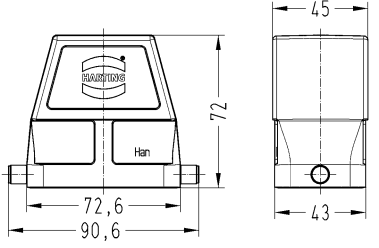
HARTING standard hoods and housings for industrial connectors
Double locking lever (revers)

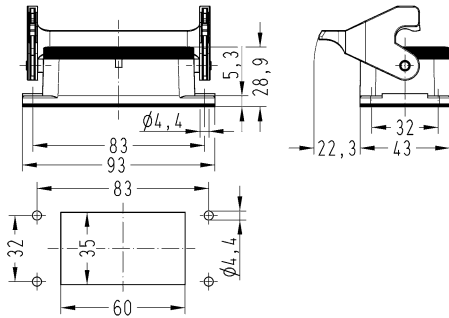
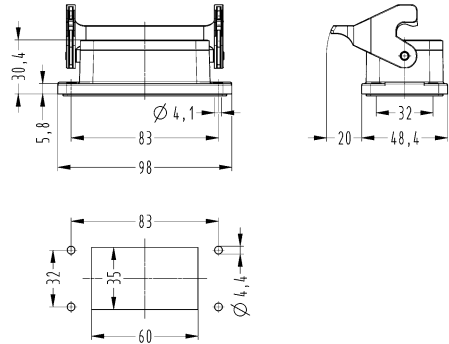
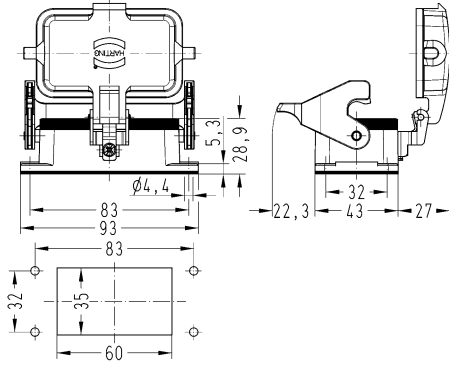
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Hoods, Top entry, Han-Easy Lock® 	1x M20 1x M25	19 30 010 1430	19 30 010 0436	 
Han® B , Hoods, Side entry, Han-Easy Lock® 	1x M20 1x M32	19 30 010 1530	19 30 010 0537	 

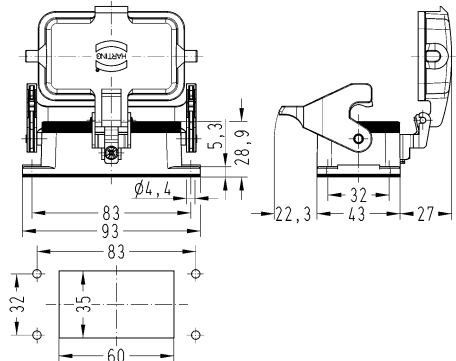
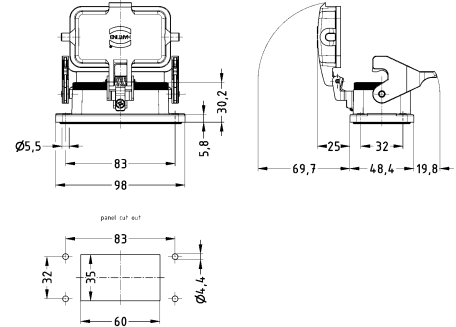
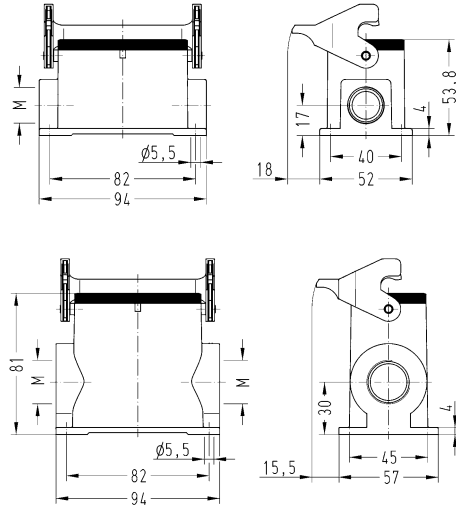
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Bulkhead mounted housings, With thermo-plastic cover 		09 30 010 0302		 Panel cut out
Han® B , Bulkhead mounted housings, With metal cover 		09 30 010 0317		 Panel cut out
Han® B , Surface mounted housing, With thermo-plastic cover, Side entry 	1x M20 2x M20 2x M25	19 30 010 1225 19 30 010 1265	19 30 010 0266	

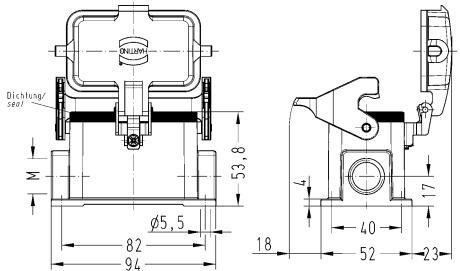
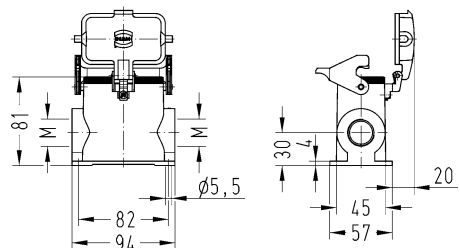
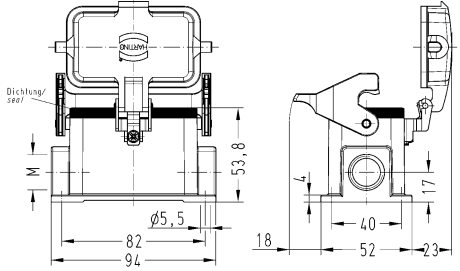
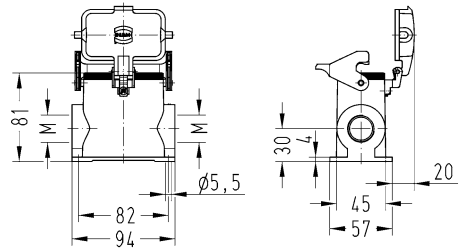
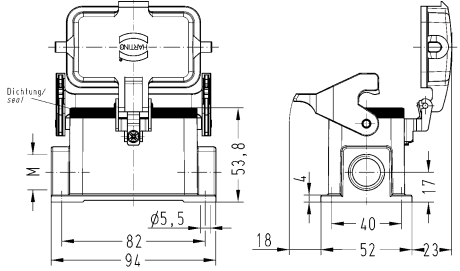
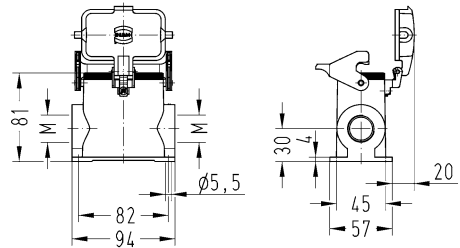
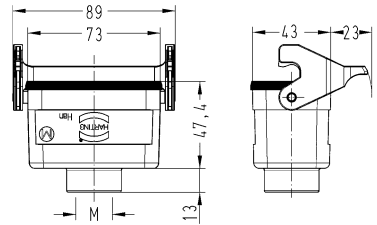
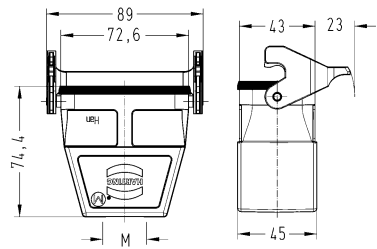
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Protection cover for hoods, Metal, With fixing cord 		09 30 010 5457	09 30 010 5457	 

HARTING standard hoods and housings for industrial connectors
Single locking lever

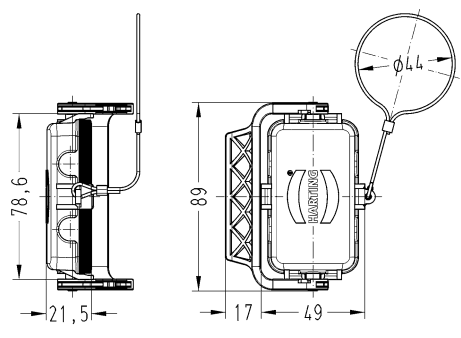
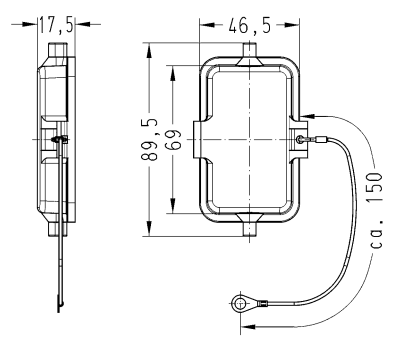
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Hoods, Top entry 	1x M20 1x M25 1x M32 1x M40	19 30 010 1440 19 30 010 1441	19 30 010 0447 19 30 010 0448	 
Han® B , Hoods, Side entry 	1x M20 1x M25 1x M32	19 30 010 1540 19 30 010 1541	19 30 010 0547	 
Han® B , Hoods, Without cable entry 			09 30 010 0803	

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Bulkhead mounted housings, Han-Easy Lock® 		09 30 010 0305		 Panel cut out
Han® B , Bulkhead mounted housings, Han-Easy Lock®, IP67 		09 30 010 1305		 Panel cut out
Han® B , Bulkhead mounted housings, With thermo-plastic cover, Han-Easy Lock® 		09 30 010 0303		 Panel cut out

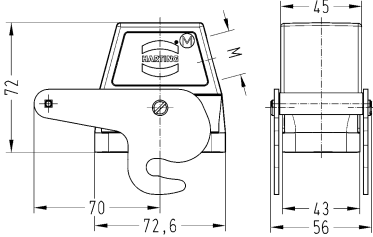
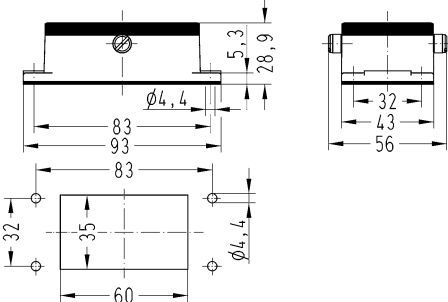
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Bulkhead mounted housings, With metal cover, Han-Easy Lock® 		09 30 010 0318		 Panel cut out
Han® B , Bulkhead mounted housings, With self-closing cover, Han-Easy Lock® 		09 30 010 1306		 Panel cut out
Han® B , Surface mounted housing, Side entry, Han-Easy Lock® 	1x M20 2x M20 2x M25 2x M32	19 30 010 1250 19 30 010 1290	19 30 010 0291 19 30 010 0292	

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Surface mounted housing, With thermo-plastic cover, Side entry, Han-Easy Lock® 	1x M20 2x M20 2x M25 2x M32	19 30 010 1255 19 30 010 1295	19 30 010 0296 19 30 010 0297	   
Han® B , Surface mounted housing, With metal cover, Side entry, Han-Easy Lock® 	2x M20 2x M25 2x M32	19 30 010 2295	19 30 010 7296 19 30 010 7297	 
Han® B , Cable to cable housing, Top entry, Han-Easy Lock® 	1x M20 1x M25 1x M32	19 30 010 1750	19 30 010 0756 19 30 010 0757	 

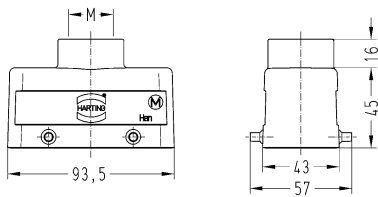
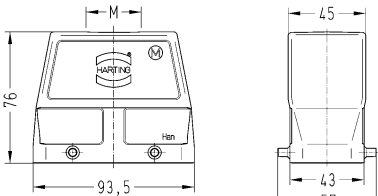
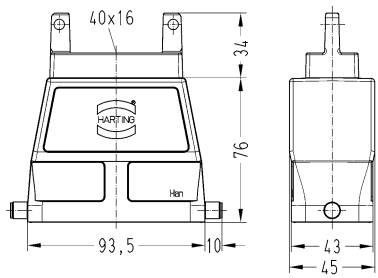
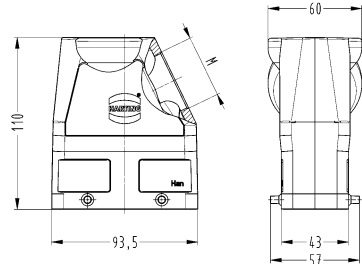


Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Protection cover for hoods, Metal, With fixing cord, Han-Easy Lock® 		09 30 010 5432	09 30 010 5432	
Han® B , Protection cover for all housings, Thermoplastic, With fixing cord 		09 30 010 5412	09 30 010 5412	

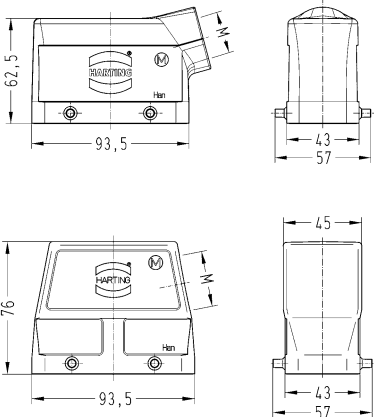
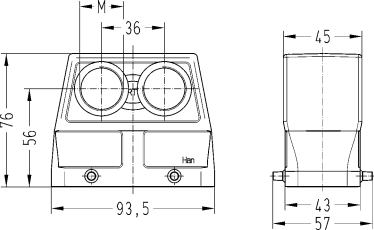
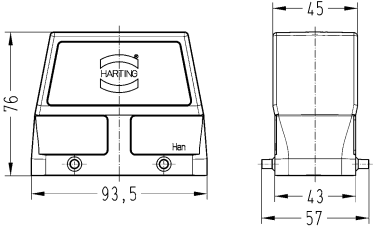
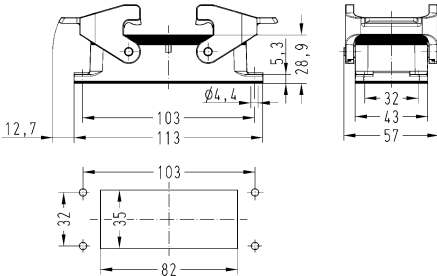
HARTING standard hoods and housings for industrial connectors
Central locking lever

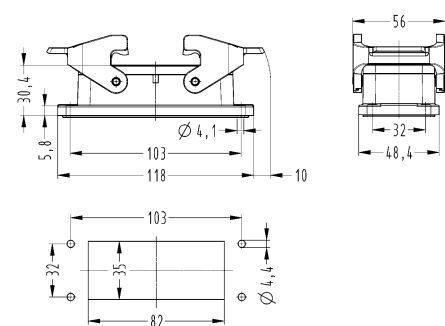
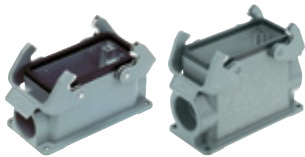
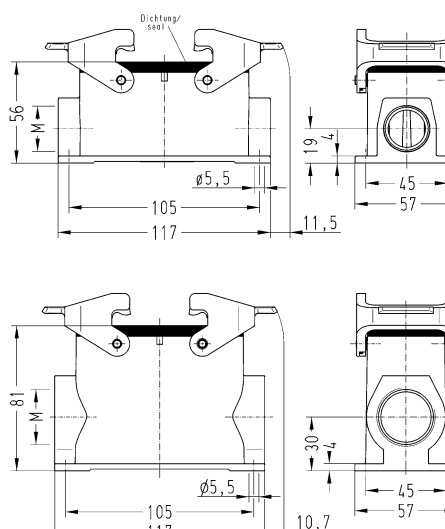
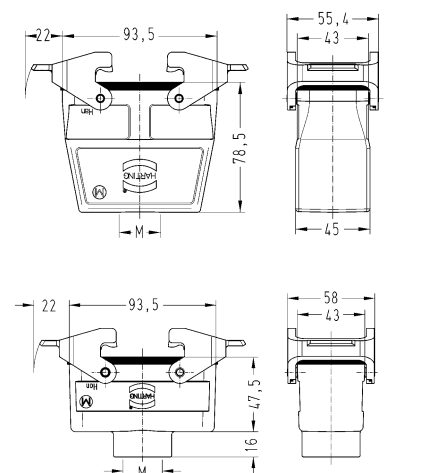
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Hoods, Side entry 	1x M25		19 30 010 0586	
Han® B , Bulkhead mounted housings 		09 30 010 0381		 Panel cut out

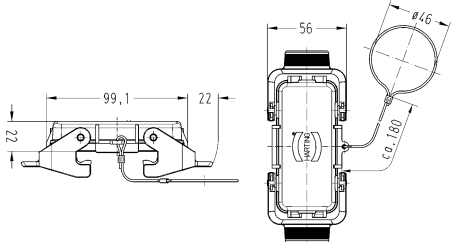
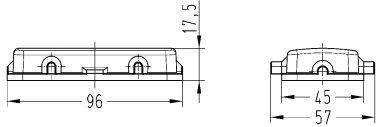
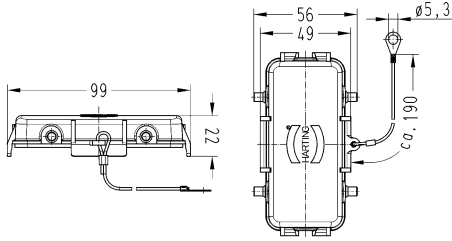
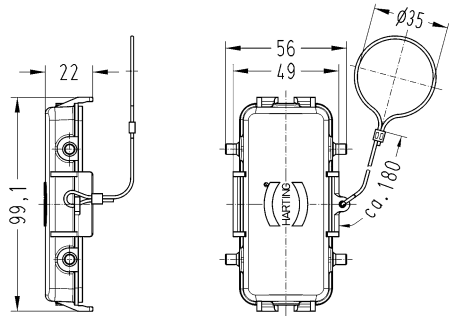
HARTING standard hoods and housings for industrial connectors
Double locking lever

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Hoods, Top entry 	1x M25 1x M32 1x M40 2x M25	19 30 016 1421 19 30 016 1422	19 30 016 0427 19 30 016 0428 19 30 016 0466	 
Han® B , Hoods, Flat cable entry, Top entry 			09 30 016 4441	
Han® B , Hoods, Special type, Side entry 	1x M40 1x M50		19 30 016 0523 19 30 016 0529	

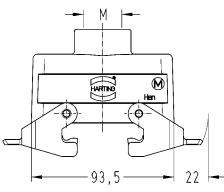
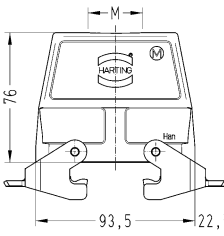
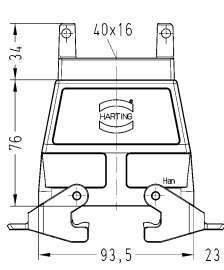
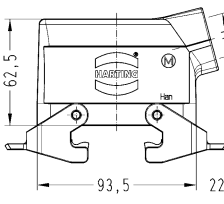
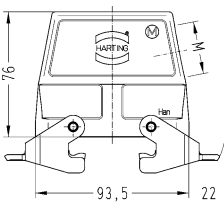
Housings

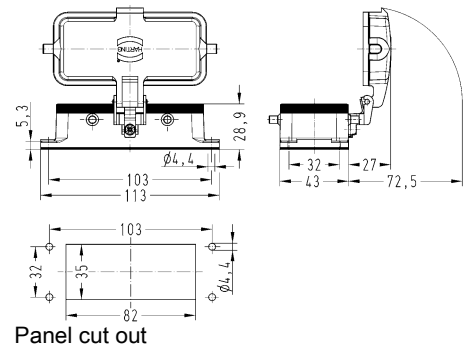
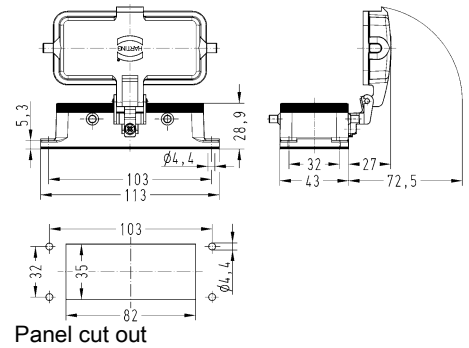
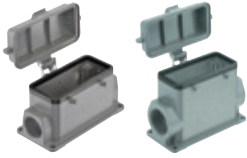
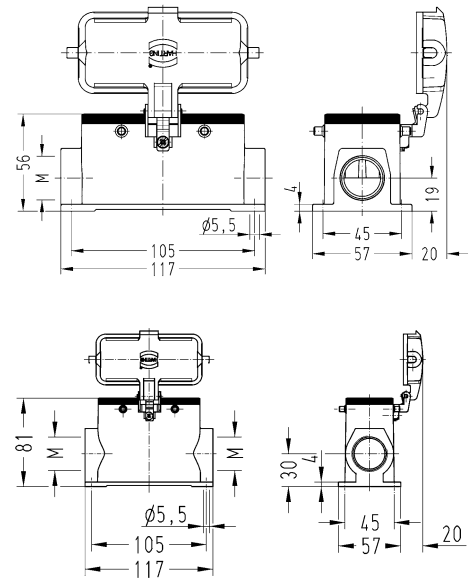
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Hoods, Side entry 	1x M25 1x M32 1x M40	19 30 016 1521 19 30 016 1522	19 30 016 0527 19 30 016 0528	
Han® B , Hoods, Angled entry 	2x M25		19 30 016 0666	
Han® B , Hoods, Without cable entry 			09 30 016 0801	
Han® B , Bulkhead mounted housings, Han-Easy Lock® 		09 30 016 0301		 Panel cut out

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Bulkhead mounted housings, Han-Easy Lock®, IP67 		09 30 016 1301		 Panel cut out
Han® B , Surface mounted housing, Side entry, Han-Easy Lock® 	1x M25 1x M32 2x M25 2x M32 2x M40	19 30 016 1231 19 30 016 1271	19 30 016 0232 19 30 016 0271 19 30 016 0272 19 30 016 0273	
Han® B , Cable to cable housing, Top entry, Han-Easy Lock® 	1x M25 1x M32	19 30 016 1731 19 30 016 1732	19 30 016 0736 19 30 016 0737	

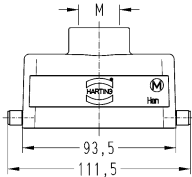
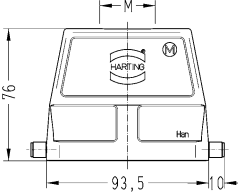
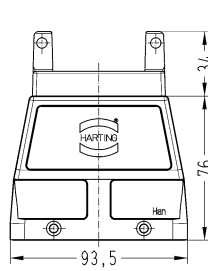
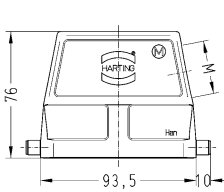
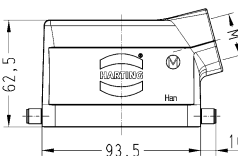
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Protection cover for hoods, Metal, With fixing cord, Han-Easy Lock® 		09 30 016 5422	09 30 016 5422	
Han® B , Protection cover for bulkhead and cable to cable housing, Thermoplastic 		09 30 016 5405	09 30 016 5405	
Han® B , Protection cover for all housings, Metal, With fixing cord 		09 30 016 5417 09 30 016 5457	09 30 016 5417 09 30 016 5457	
Han® B , Protection cover for bulkhead and cable to cable housing, Metal, With fixing cord 		09 30 016 5425	09 30 016 5425	
Han® B , Protection cover for cable to cable housings, Metal, With fixing cord 		09 30 016 5426	09 30 016 5426	

HARTING standard hoods and housings for industrial connectors
Double locking lever (revers)

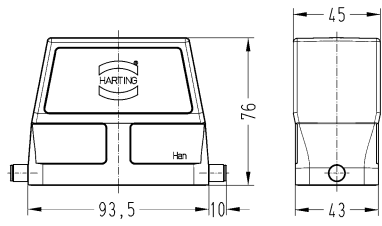
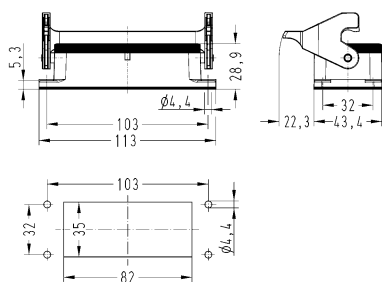
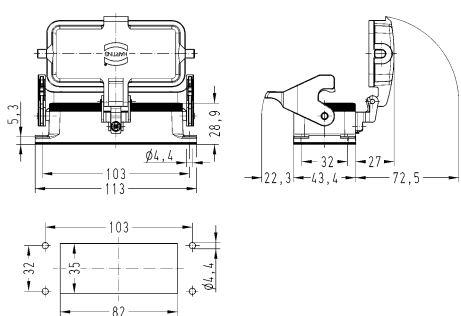
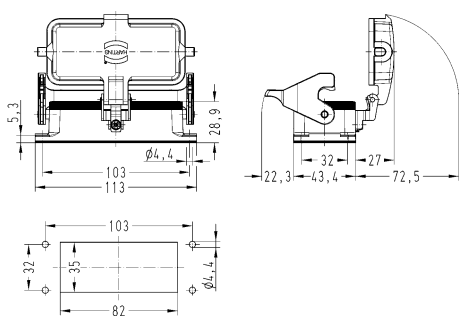
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Hoods, Top entry, Han-Easy Lock® 	1x M25 1x M32 1x M40	19 30 016 1431 19 30 016 1432	19 30 016 0437 19 30 016 0438	 
Han® B , Hoods, Flat cable entry, Top entry, Han-Easy Lock® 			09 30 016 4431	 
Han® B , Hoods, Side entry, Han-Easy Lock® 	1x M25 1x M32 1x M40	19 30 016 1531	19 30 016 0537 19 30 016 0538	 

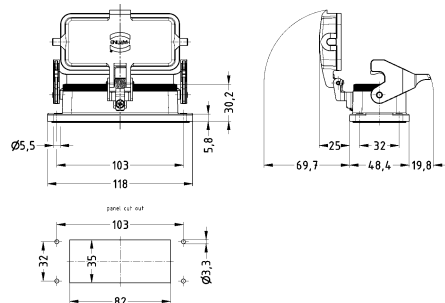
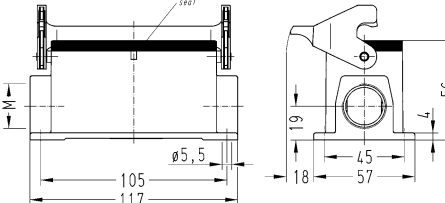
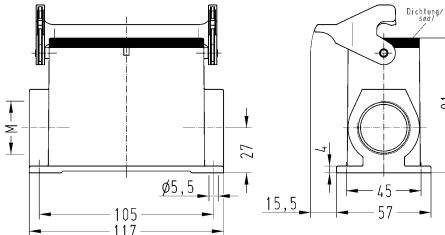
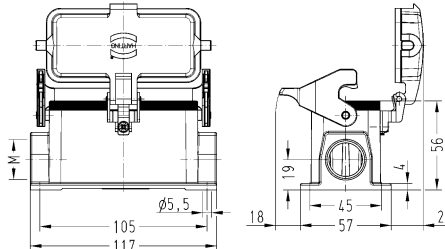
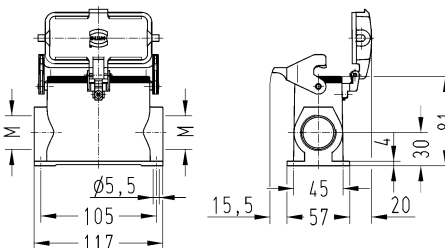
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Bulkhead mounted housings, With thermo-plastic cover 		09 30 016 0302		
Han® B , Bulkhead mounted housings, With metal cover 		09 30 016 0317		
Han® B , Surface mounted housing, With thermo-plastic cover, Side entry 	1x M25 2x M25 2x M32	19 30 016 1226 19 30 016 1266	19 30 016 0267	

HARTING standard hoods and housings for industrial connectors
Single locking lever

Identification	Cable entry	Part number		Drawing (dimensions in mm)	
		Low construction	High construction		
Han® B , Hoods, Top entry 	1x M25 1x M32 1x M40	19 30 016 1441 19 30 016 1442	19 30 016 0447 19 30 016 0448	 	
Han® B , Hoods, Flat cable entry, Top entry 			09 30 016 4411		
Han® B , Hoods, Side entry 	1x M25 1x M32 1x M40	19 30 016 1541 19 30 016 1542	19 30 016 0547 19 30 016 0548	 	

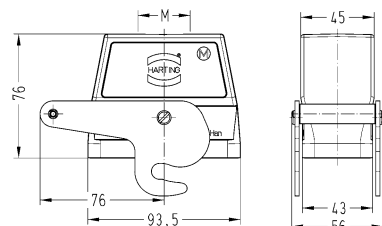
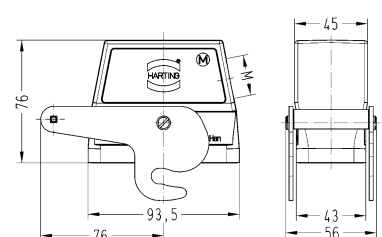
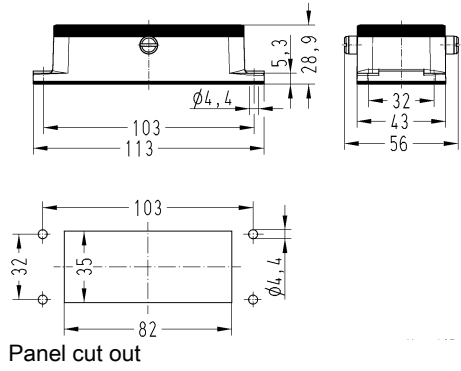
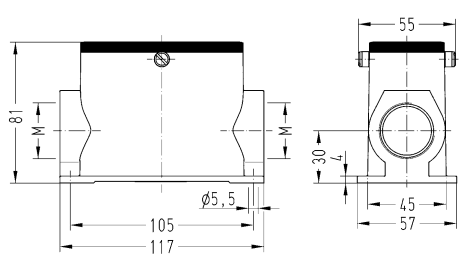
Housings

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Hoods, Without cable entry 			09 30 016 0803	
Han® B , Bulkhead mounted housings, Han-Easy Lock® 		09 30 016 0307		 Panel cut out
Han® B , Bulkhead mounted housings, With thermo-plastic cover, Han-Easy Lock® 		09 30 016 0306		 Panel cut out
Han® B , Bulkhead mounted housings, With metal cover, Han-Easy Lock® 		09 30 016 0318		 Panel cut out

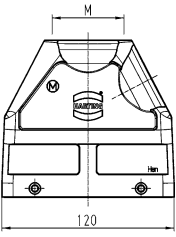
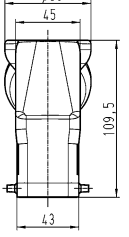
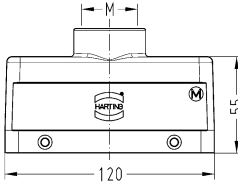
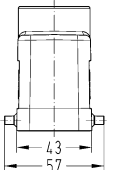
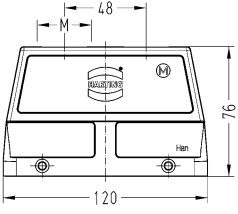
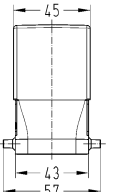
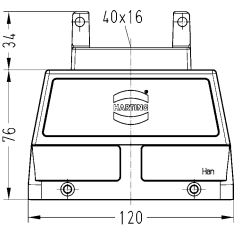
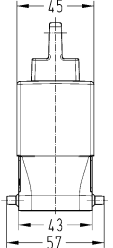
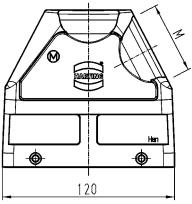
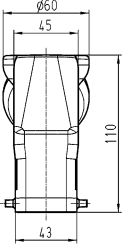
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Bulkhead mounted housings, With self-closing cover, Han-Easy Lock® 		09 30 016 1306		 Panel cut out
Han® B , Surface mounted housing, Side entry, Han-Easy Lock® 	1x M25 1x M32 2x M25 2x M32	19 30 016 1251 19 30 016 1291	19 30 016 0252 19 30 016 0291 19 30 016 0292	   
Han® B , Surface mounted housing, With thermo-plastic cover, Side entry, Han-Easy Lock® 	1x M25 2x M25 2x M32	19 30 016 1256 19 30 016 1296	19 30 016 0297	

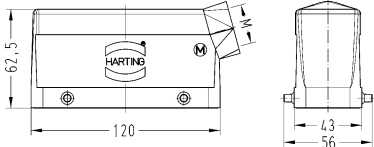
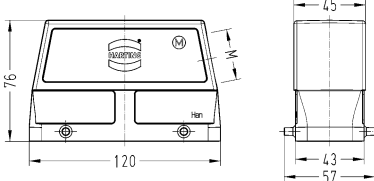
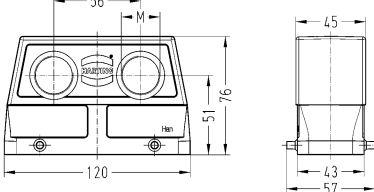
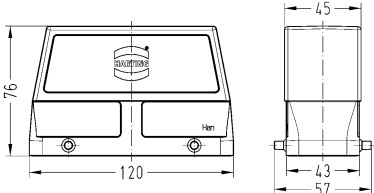
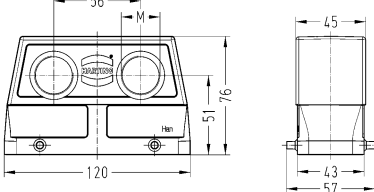
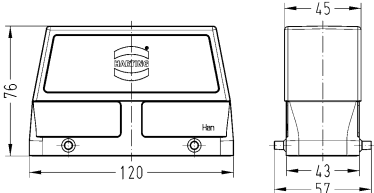
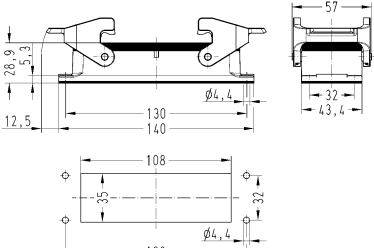
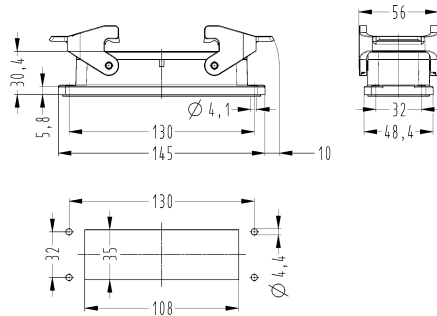
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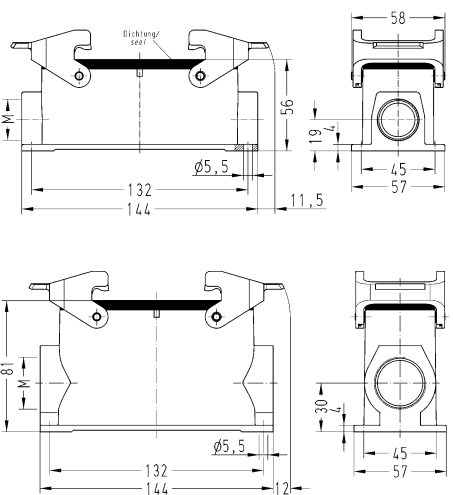
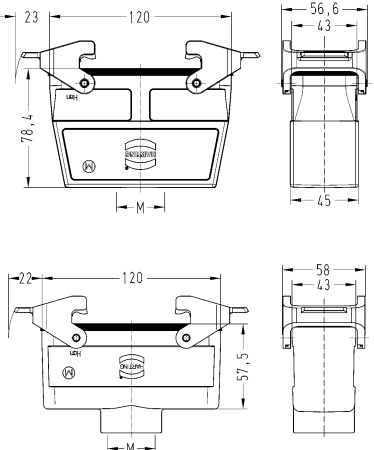
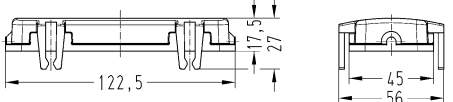
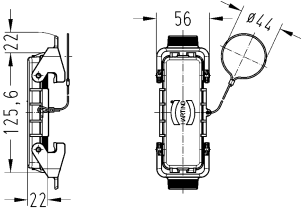
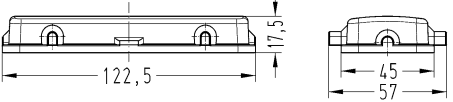
HARTING standard hoods and housings for industrial connectors
Central locking lever

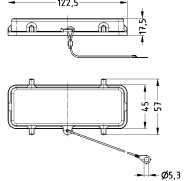
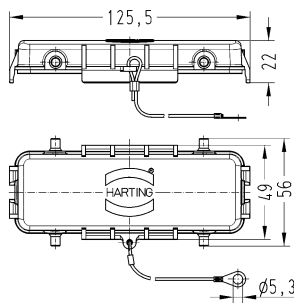
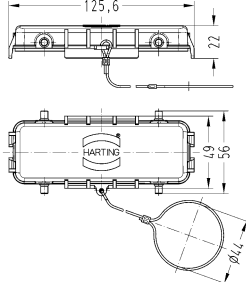
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Hoods, Top entry 	1x M32		19 30 016 0487	
Han® B , Hoods, Side entry 	1x M25 1x M32		19 30 016 0586 19 30 016 0587	
Han® B , Bulkhead mounted housings 		09 30 016 0381		 Panel cut out
Han® B , Surface mounted housing, Side entry 	2x M32		19 30 016 0282	

HARTING standard hoods and housings for industrial connectors
Double locking lever

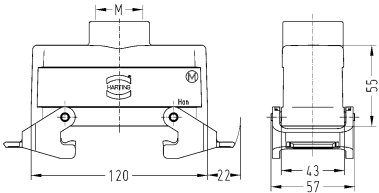
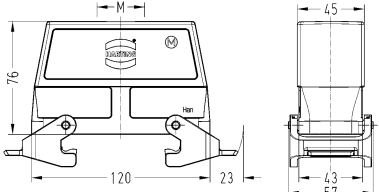
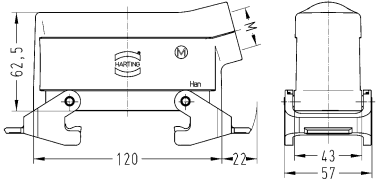
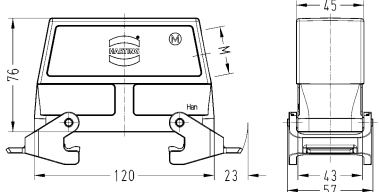
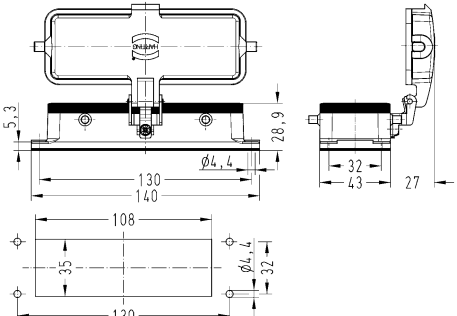
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Hoods, Special type, Top entry 	1x M50		19 30 024 0429	 
Han® B , Hoods, Top entry 	1x M32 1x M40 2x M32	19 30 024 1422	19 30 024 0427 19 30 024 0428 19 30 024 0467	   
Han® B , Hoods, Flat cable entry, Top entry 			09 30 024 4411	 
Han® B , Hoods, Special type, Side entry 	1x M50		19 30 024 0529	 

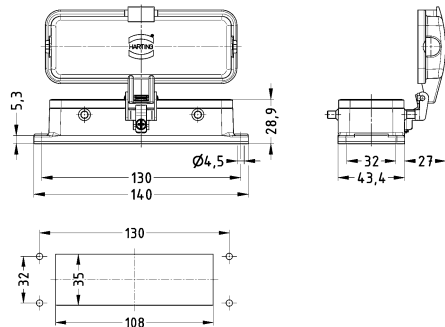
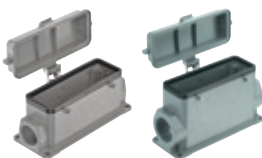
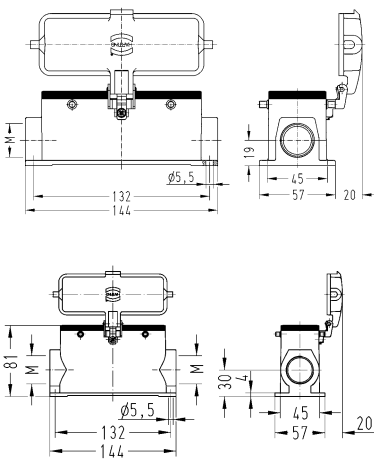
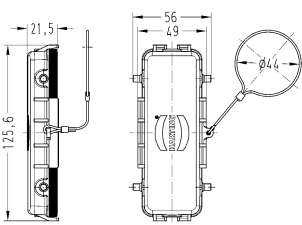
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Hoods, Side entry 	1x M25 1x M32 1x M40 1x M40	19 30 024 1521 19 30 024 1522	19 30 024 0527 19 30 024 0523 19 30 024 0528	   
Han® B , Hoods, Angled entry 	2x M25		19 30 024 0666	
Han® B , Hoods, Without cable entry 			09 30 024 0801	
Han® B , Bulkhead mounted housings, Han-Easy Lock® 		09 30 024 0301		 Panel cut out
Han® B , Bulkhead mounted housings, Han-Easy Lock®, IP67 		09 30 024 1301		 Panel cut out

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Surface mounted housing, Side entry, Han-Easy Lock® 	1x M25 1x M32 2x M25 2x M32 2x M40	19 30 024 1231 19 30 024 1271	19 30 024 0232 19 30 024 0272 19 30 024 0273	
Han® B , Cable to cable housing, Top entry, Han-Easy Lock® 	1x M32 1x M40	19 30 024 1732	19 30 024 0737 19 30 024 0738	
Han® B , Protection cover for hoods, Thermoplastic, With board locks 		09 30 024 5401	09 30 024 5401	
Han® B , Protection cover for hoods, Metal, With fixing cord, Han-Easy Lock® 		09 30 024 5422	09 30 024 5422	
Han® B , Protection cover for bulkhead and cable to cable housing, Thermoplastic 		09 30 024 5405	09 30 024 5405	

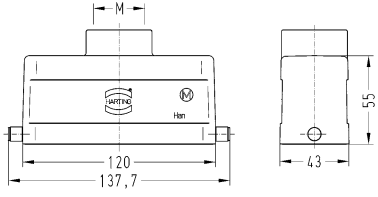
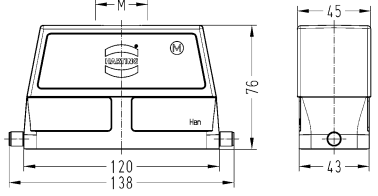
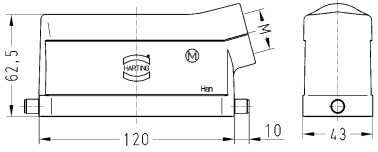
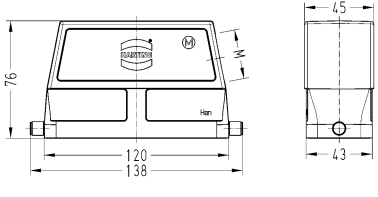
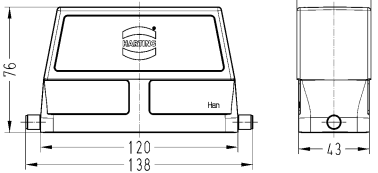
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Protection cover for all housings, Metal, With fixing cord 		09 30 024 5417	09 30 024 5417	
Han® B , Protection cover for bulkhead and cable to cable housing, Metal, With fixing cord 		09 30 024 5425	09 30 024 5425	
Han® B , Protection cover for cable to cable housings, Metal, With fixing cord 		09 30 024 5426	09 30 024 5426	

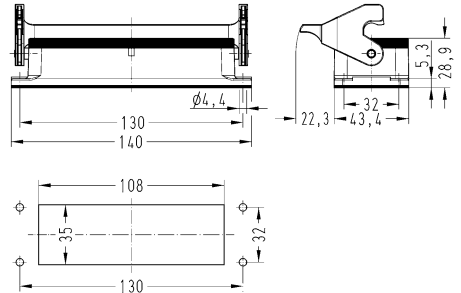
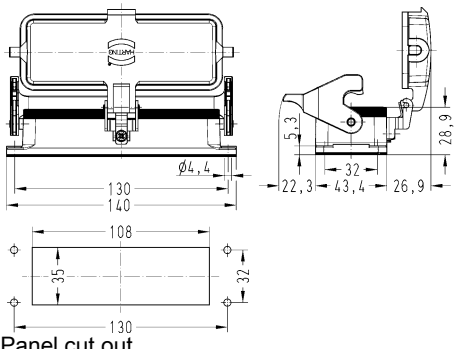
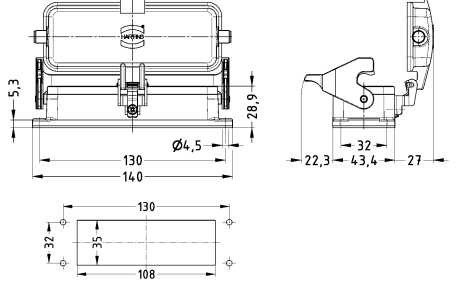
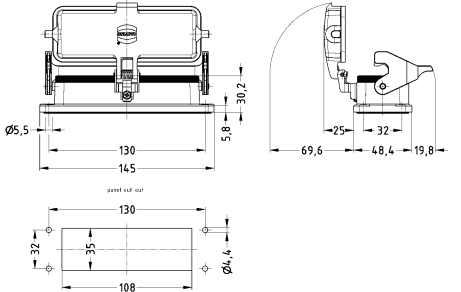
HARTING standard hoods and housings for industrial connectors
Double locking lever (revers)

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Hoods, Top entry, Han-Easy Lock® 	1x M32 1x M40	19 30 024 1432	19 30 024 0437 19 30 024 0438	 
Han® B , Hoods, Side entry, Han-Easy Lock® 	1x M25 1x M32 1x M40	19 30 024 1531	19 30 024 0537 19 30 024 0538	 
Han® B , Bulkhead mounted housings, With thermo-plastic cover 		09 30 024 0302		 Panel cut out

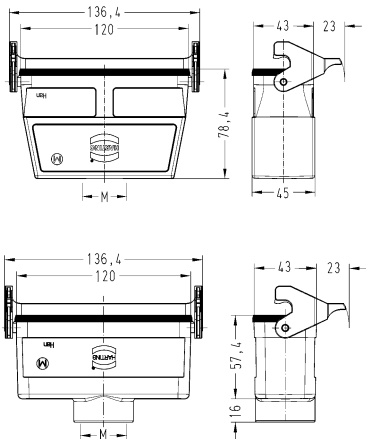
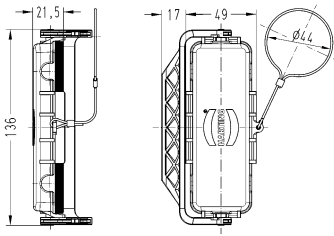
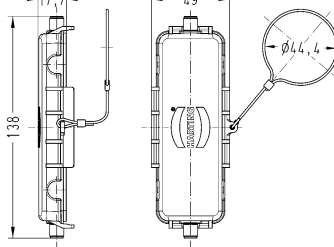
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Bulkhead mounted housings, With metal cover 		09 30 024 0317		 Panel cut out
Han® B , Surface mounted housing, With thermo-plastic cover, Side entry 	1x M25 2x M25 2x M32	19 30 024 1226 19 30 024 1266	19 30 024 0267	
Han® B , Protection cover for hoods, Metal, With fixing cord 		09 30 024 5442	09 30 024 5442	

HARTING standard hoods and housings for industrial connectors
Single locking lever

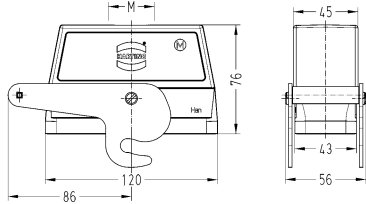
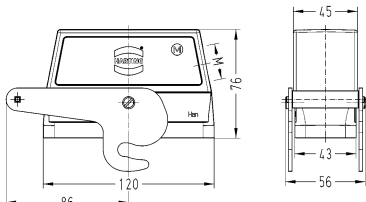
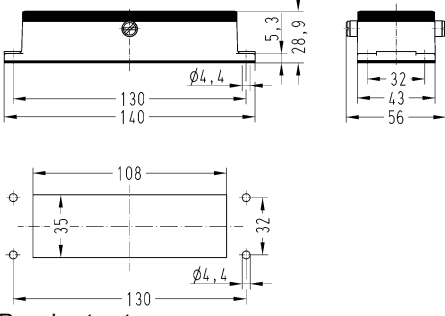
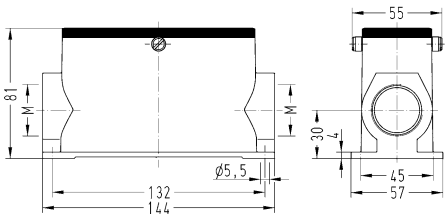
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Hoods, Top entry 	1x M32 1x M40 2x M32	19 30 024 1442	19 30 024 0447 19 30 024 0448 19 30 024 0457	 
Han® B , Hoods, Side entry 	1x M25 1x M32 1x M40	19 30 024 1541 19 30 024 1542	19 30 024 0547 19 30 024 0548	 
Han® B , Hoods, Without cable entry 			09 30 024 0803	

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Bulkhead mounted housings, Han-Easy Lock® 		09 30 024 0307		 Panel cut out
Han® B , Bulkhead mounted housings, With thermo-plastic cover, Han-Easy Lock® 		09 30 024 0304		 Panel cut out
Han® B , Bulkhead mounted housings, With metal cover, Han-Easy Lock® 		09 30 024 0318		 Panel cut out
Han® B , Bulkhead mounted housings, With self-closing cover, Han-Easy Lock® 		09 30 024 1306		 Panel cut out

Housings

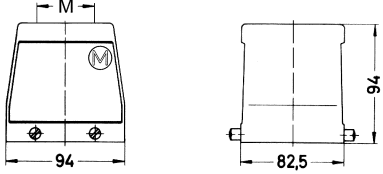
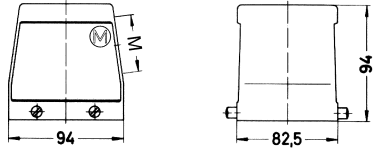
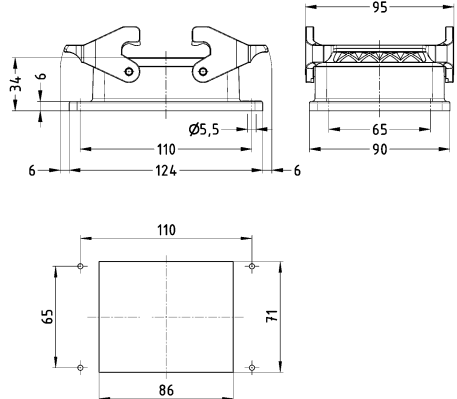
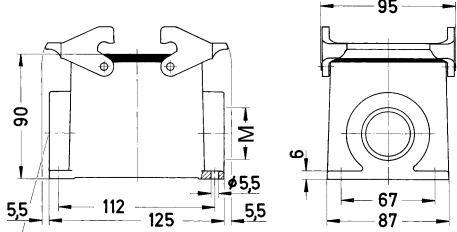
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Cable to cable housing, Top entry, Han-Easy Lock® 	1x M32	19 30 024 1752	19 30 024 0757	
Han® B , Protection cover for hoods, Metal, With fixing cord, Han-Easy Lock® 		09 30 024 5432	09 30 024 5432	
Han® B , Protection cover for bulkhead and cable to cable housing, Metal, With fixing cord 		09 30 024 5436	09 30 024 5436	

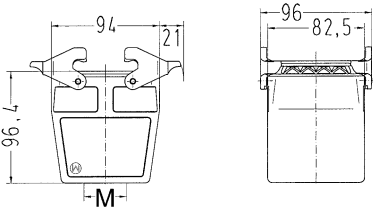
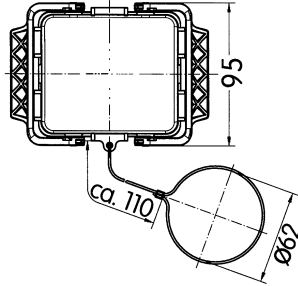
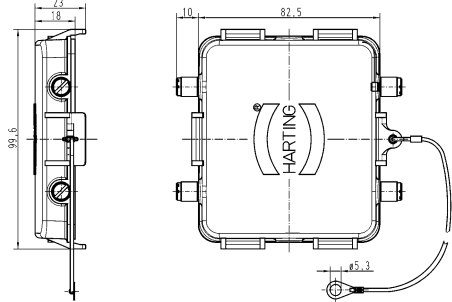
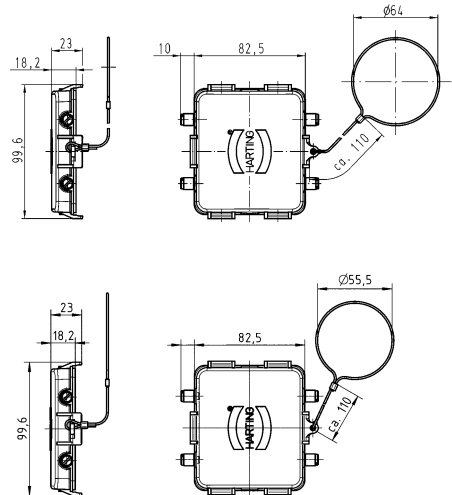
HARTING standard hoods and housings for industrial connectors
Central locking lever

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Hoods, Top entry 	1x M32		19 30 024 0487	
Han® B , Hoods, Side entry 	1x M25 1x M32 1x M40		19 30 024 0586 19 30 024 0587 19 30 024 0588	
Han® B , Bulkhead mounted housings 		09 30 024 0381		 Panel cut out
Han® B , Surface mounted housing, Side entry 	2x M32		19 30 024 0282	

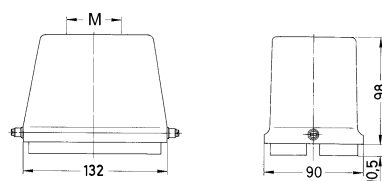
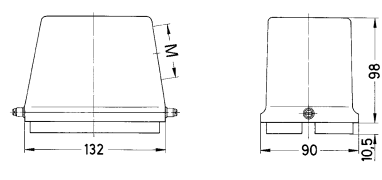
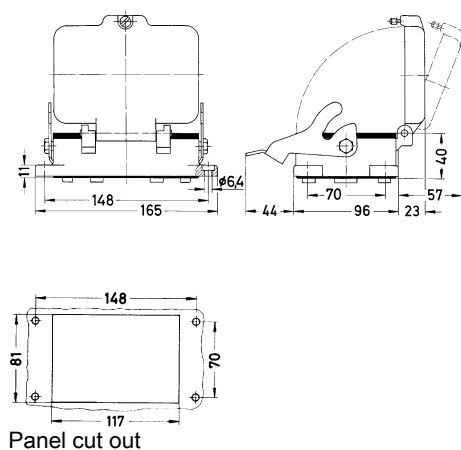
Housings

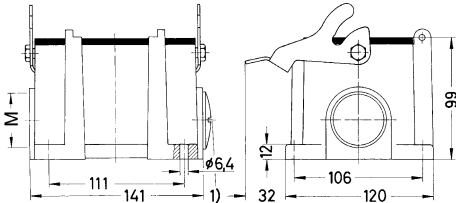
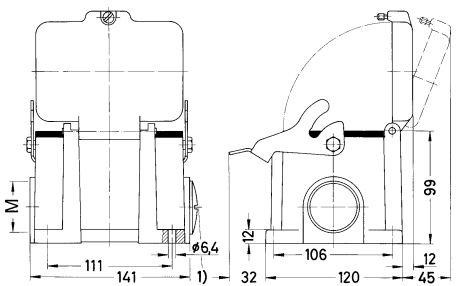
HARTING standard hoods and housings for industrial connectors
Double locking lever

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Hoods, Top entry 	1x M32 1x M40 1x M50		19 30 032 0427 19 30 032 0428 19 30 032 0429	
Han® B , Hoods, Side entry 	1x M32 1x M40 1x M50		19 30 032 0527 19 30 032 0528 19 30 032 0529	
Han® B , Bulkhead mounted housings, Han-Easy Lock® 			09 30 032 0301	 Panel cut out
Han® B , Surface mounted housing, Side entry, Han-Easy Lock® 	1x M32 2x M32 2x M40		19 30 032 0232 19 30 032 0272 19 30 032 0273	

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Cable to cable housing, Top entry, Han-Easy Lock® 	1x M40		19 30 032 0738	
Han® B , Protection cover for hoods, Metal, With fixing cord 		09 30 032 5420	09 30 032 5420	
Han® B , Protection cover for bulkhead and cable to cable housing, Metal, With fixing cord 		09 30 032 5425	09 30 032 5425	
Han® B , Protection cover for cable to cable housings, Metal, With fixing cord 		09 30 032 5426 09 30 032 5427	09 30 032 5426 09 30 032 5427	

HARTING standard hoods and housings for industrial connectors
Single locking lever

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Hoods, Top entry 	1x M40 1x M50		19 30 048 0448 19 30 048 0449	
Han® B , Hoods, Side entry 	1x M40 1x M50		19 30 048 0548 19 30 048 0549	
Han® B , Bulkhead mounted housings 		09 30 048 0302		
Han® B , Bulkhead mounted housings, With thermo-plastic cover 		09 30 048 0301		
Han® B , Bulkhead mounted housings, With metal cover 		09 30 048 0317		 Panel cut out

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® B , Surface mounted housing, Side entry 	2x M32 2x M40		19 30 048 0292 19 30 048 0293	
Han® B , Surface mounted housing, With thermo-plastic cover, Side entry 	2x M40		19 30 048 0298	

Features

- Hoods/housings for industrial applications

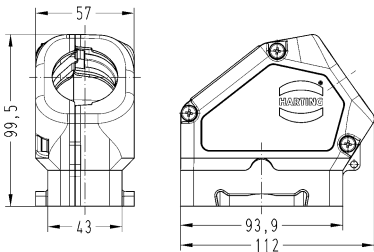
Technical characteristics

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC 60529	IP65
Degree of protection acc. to UL 50	4, 4X, 12
Material (hood/housing)	Aluminium die-cast
Surface (hood/housing)	Powder-coated
Colour (hood/housing)	RAL 7037 (dust grey)
Material (seal)	NBR
Material (locking)	Polycarbonate, Stainless steel
Colour (locking)	RAL 7037 (dust grey)

Specifications and approvals

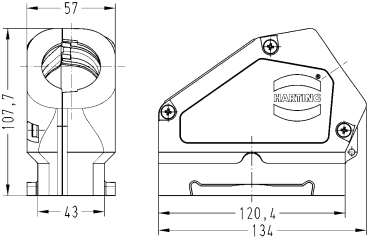


Double locking lever

Identification	Cable entry	Cable diameter (mm)	Part number	Drawing (dimensions in mm)
Han® Easy Hood , Hoods, Side entry 	1x Integrated	20 ... 34	11 30 016 0520	
Han® Easy Hood , Protection cover for hoods, Metal, With fixing cord, Han-Easy Lock® 			11 30 016 5422	



Double locking lever

Identification	Cable entry	Cable diameter (mm)	Part number	Drawing (dimensions in mm)
Han® Easy Hood , Hoods, Side entry 	1x Integrated	20 ... 34	11 30 024 0520	
Han® Easy Hood , Protection cover for hoods, Metal, With fixing cord 			11 30 024 5422	

Technical characteristics

Material (cable glands) Thermoplastic

Technical characteristics

Material (accessories) Thermoplastic
Colour (accessories) Black

Identification	Size	Clamping range (mm)	Part number	Drawing (dimensions in mm)
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Cable seal,
Han® Easy Hood



20 ... 22
23 ... 25
26 ... 28
29 ... 31
32 ... 34

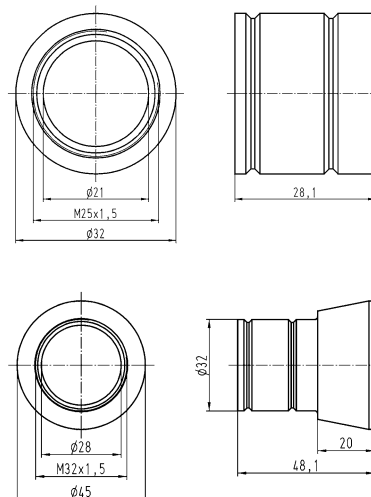
11 30 000 9955
11 30 000 9956
11 30 000 9957
11 30 000 9958
11 30 000 9959

Han® Easy Hood ,
Thread adapter



M25
M32

11 30 000 9961
11 30 000 9962



Features

- Angled housing replaces the terminal box
- Compact design saves space
- The position of the terminal housing can be switched by 90°
- Compatible with standard hoods for single lever size 10 B
- Locking levers: Han-Easy Lock®
- Star and delta circuits can be realised in the female connector Han® ESS
- Suitable for standard inserts

Technical characteristics

Limiting temperature	-40 ... +125 °C
Flammability acc. to UL 94 (locking levers)	V-0
Degree of protection acc. to IEC 60529	IP65
Degree of protection acc. to UL 50	4, 4X, 12
Material (hood/housing)	Aluminium die-cast
Surface (hood/housing)	Uncoated, Powder-coated
Colour (hood/housing)	RAL 7037 (dust grey)
Material (seal)	NBR
Material (locking)	Polycarbonate, Stainless steel
Colour (locking)	RAL 7037 (dust grey)

Specifications and approvals

Ⓜ

Single locking lever



Identification	Part number	Drawing (dimensions in mm)																																																																																										
Han-Drive® , Housing for motor applications, Han-Easy Lock®	09 30 410 0901 09 30 410 0909 09 30 410 0921																																																																																											
Han-Drive® , Housing for motor applications, With thermo-plastic cover, Han-Easy Lock®	09 30 410 0951 09 30 410 0960 09 30 410 0970 09 30 410 0971 09 30 410 0974 09 30 410 0983																																																																																											
Han-Drive® , Housing for motor applications, Powder-coated, Han-Easy Lock®	09 30 010 0901 09 30 010 0902																																																																																											
Han-Drive® , Housing for motor applications, Powder-coated, With thermo-plastic cover, Han-Easy Lock®	09 30 010 0961	<table><tr><th></th><th>a</th><th>b</th><th>c</th><th>d</th><th>Ø</th></tr><tr><td>09 30 010 0901</td><td>82</td><td>68</td><td>68</td><td>82</td><td>4,5</td></tr><tr><td>09 30 010 0902</td><td>98</td><td></td><td></td><td>98</td><td></td></tr><tr><td>09 30 010 0961</td><td>82</td><td>70</td><td>70</td><td>82</td><td></td></tr><tr><td>09 30 410 0901</td><td>82</td><td>68</td><td>68</td><td>82</td><td>4,5</td></tr><tr><td>09 30 410 0909</td><td>98</td><td></td><td></td><td>98</td><td></td></tr><tr><td>09 30 410 0921</td><td>85</td><td>73</td><td>73</td><td>85</td><td></td></tr><tr><td>09 30 410 0951</td><td>82</td><td>68</td><td>68</td><td>82</td><td>4,5</td></tr><tr><td>09 30 410 0960</td><td>98</td><td>70</td><td>70</td><td>98</td><td>4,3</td></tr><tr><td>09 30 410 0970</td><td>92</td><td>77</td><td>77</td><td>92</td><td>4,3</td></tr><tr><td>09 30 410 0971</td><td>85</td><td>73</td><td>73</td><td>85</td><td>5,5</td></tr><tr><td>09 30 410 0974</td><td>92</td><td>70</td><td>70</td><td>92</td><td>4,3</td></tr><tr><td>09 30 410 0983</td><td>92</td><td>80</td><td>80</td><td>92</td><td>5,1</td></tr><tr><td>09 62 810 0901</td><td>82</td><td>68</td><td>68</td><td>82</td><td>4,5</td></tr><tr><td>09 62 810 0974</td><td>92</td><td>70</td><td>70</td><td>92</td><td>4,1</td></tr></table>		a	b	c	d	Ø	09 30 010 0901	82	68	68	82	4,5	09 30 010 0902	98			98		09 30 010 0961	82	70	70	82		09 30 410 0901	82	68	68	82	4,5	09 30 410 0909	98			98		09 30 410 0921	85	73	73	85		09 30 410 0951	82	68	68	82	4,5	09 30 410 0960	98	70	70	98	4,3	09 30 410 0970	92	77	77	92	4,3	09 30 410 0971	85	73	73	85	5,5	09 30 410 0974	92	70	70	92	4,3	09 30 410 0983	92	80	80	92	5,1	09 62 810 0901	82	68	68	82	4,5	09 62 810 0974	92	70	70	92	4,1
	a	b	c	d	Ø																																																																																							
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09 30 410 0970	92	77	77	92	4,3																																																																																							
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09 30 410 0974	92	70	70	92	4,3																																																																																							
09 30 410 0983	92	80	80	92	5,1																																																																																							
09 62 810 0901	82	68	68	82	4,5																																																																																							
09 62 810 0974	92	70	70	92	4,1																																																																																							



Single locking lever

Identification

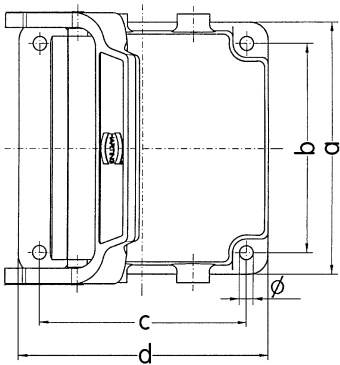
Han-Drive® ,
Housing for motor applications,
EMC version,
Han-Easy Lock®



Part number

09 62 810 0901

Drawing
(dimensions in mm)



Han-Drive® ,
Housing for motor applications,
EMC version,
With thermo-plastic cover,
Han-Easy Lock®



09 62 810 0974

	a	b	c	d	Ø
09 30 010 0901	82	68	68	82	4,5
09 30 010 0902	98			98	
09 30 010 0961	82	70	70	82	
09 30 410 0901	82	68	68	82	4,5
09 30 410 0909	98			98	
09 30 410 0921	85	73	73	85	
09 30 410 0951	82	68	68	82	4,5
09 30 410 0960	98	70	70	98	4,3
09 30 410 0970	92	77	77	92	4,3
09 30 410 0971	85	73	73	85	5,5
09 30 410 0974	92	70	70	92	4,3
09 30 410 0983	92	80	80	92	5,1
09 62 810 0901	82	68	68	82	4,5
09 62 810 0974	92	70	70	92	4,1

Features

- Hoods/housings for more demanding environmental requirements
- Metal hoods and housings with excellent corrosion resistance
- Corrosion resistance ASTM B117-09 (500 h)
- Locking lever made of high-quality stainless steel

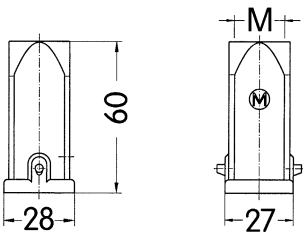
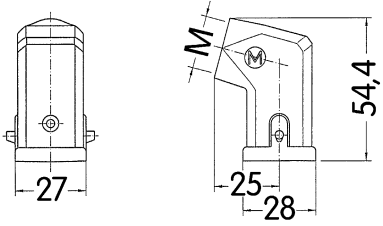
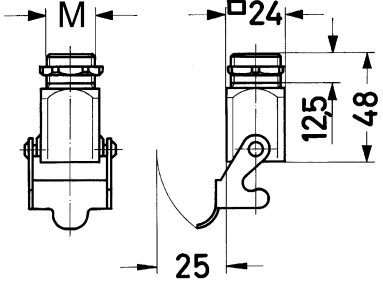
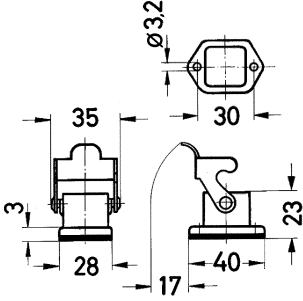
Technical characteristics

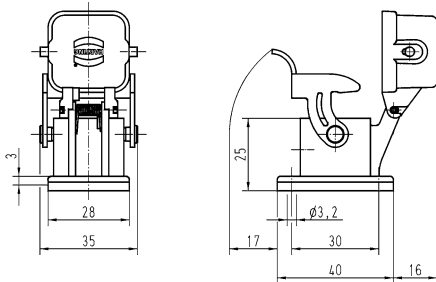
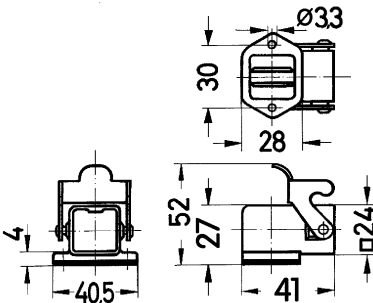
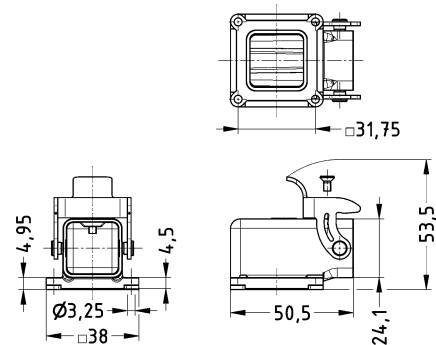
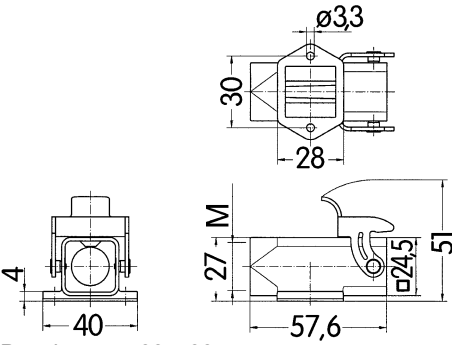
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC 60529	IP65, IP67
Material (hood/housing)	Zinc die-cast
Surface (hood/housing)	Powder-coated
Colour (hood/housing)	RAL 9005 (jet black)
Material (seal)	FPM
Material (locking)	Stainless steel

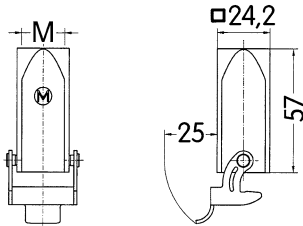
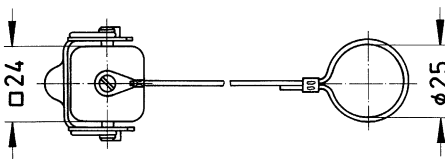
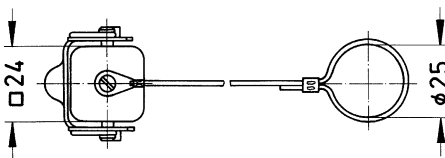
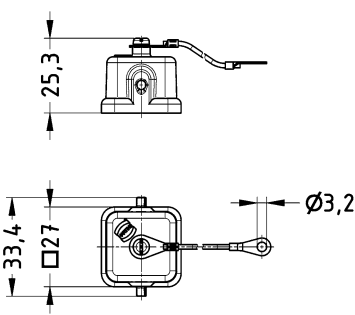
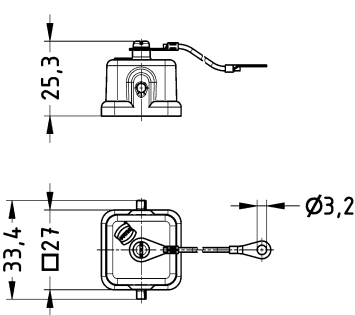
Specifications and approvals

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Hoods/housings for more demanding environmental requirements
Single locking lever

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® M , Hoods, Top entry 	1x M20 1x M25	19 37 003 1440 19 37 003 1445	
Han® M , Hoods, Side entry 	1x M20	19 37 003 1640	
Han® M , Screw mounted housings, Top entry 	1x M20	19 37 003 1150	
Han® M , Bulkhead mounted housings, Straight 		09 37 003 0301	 Panel cut out 22 x 22 mm

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® M , Bulkhead mounted housings, Straight, With metal cover 		09 37 003 0305	
Han® M , Bulkhead mounted housings, Angled 		09 37 003 0801	 Panel cut out 22 x 22 mm
Han® M , Bulkhead mounted housings, Angled, Square mounting flange 		09 37 003 0811	
Han® M , Surface mounted housing, Top entry 	1x M20	19 37 003 1250	 Panel cut out 22 x 22 mm

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® M , Cable to cable housing, Top entry 	1x M20 1x M25	19 37 003 1750 19 37 003 1755	
Han® M , Protection cover for hoods, Metal, for female inserts, With fixing cord 		09 37 003 5401	
Han® M , Protection cover for hoods, Metal, for male inserts, With fixing cord 		09 37 003 5402	
Han® M , Protection cover for all housings, for mounted female insert, Metal, With fixing cord 		09 37 003 5405	
Han® M , Protection cover for all housings, for mounted male insert, Metal, With fixing cord 		09 37 003 5406	

Features

- Hoods/housings for more demanding environmental requirements
- Metal hoods and housings with excellent corrosion resistance
- Corrosion resistance ASTM B117-09 (500 h)
- Locking lever made of high-quality stainless steel

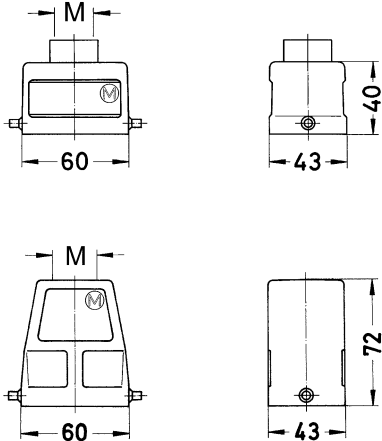
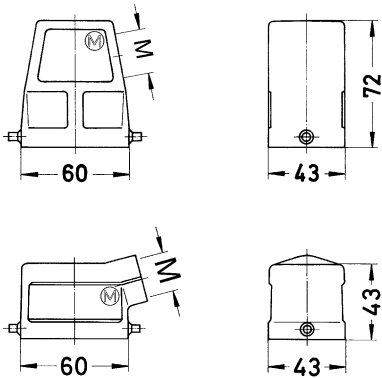
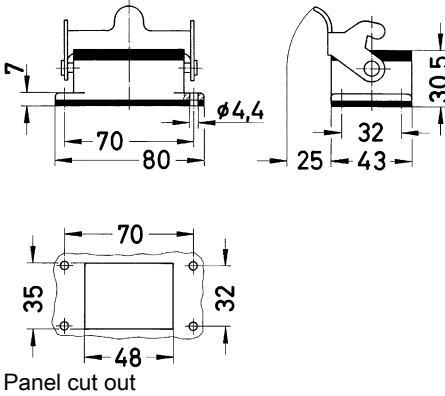
Technical characteristics

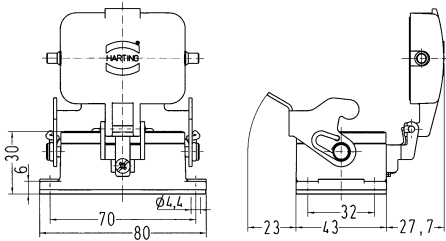
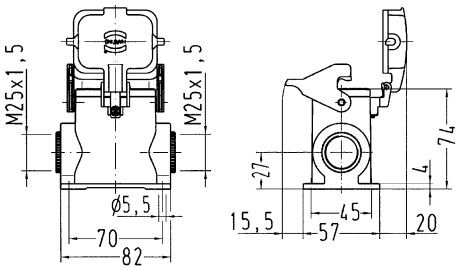
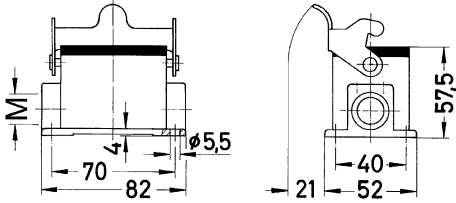
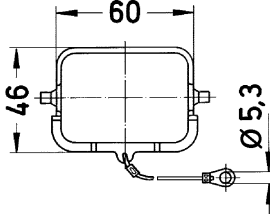
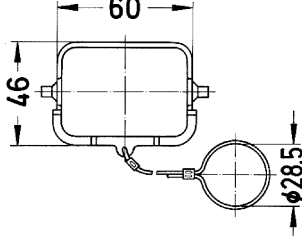
Limiting temperature	-40 ... +125 °C
Flammability acc. to UL 94 (locking levers)	V-0
Degree of protection acc. to IEC 60529	IP65
Degree of protection acc. to UL 50	4, 4X, 12
Material (hood/housing)	Aluminium die-cast
Surface (hood/housing)	Powder-coated
Colour (hood/housing)	RAL 9005 (jet black)
Material (seal)	FPM
Material (locking)	Stainless steel, Polycarbonate
Colour (locking)	RAL 7037 (dust grey)

Specifications and approvals

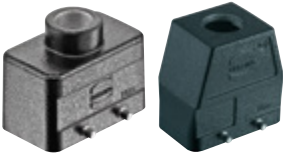
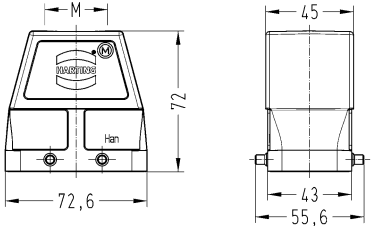
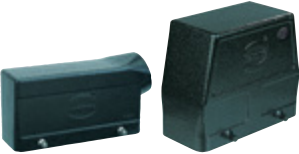
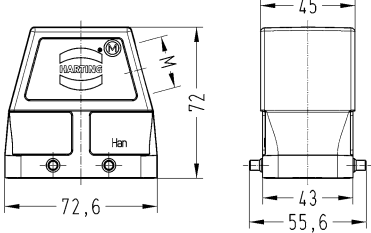
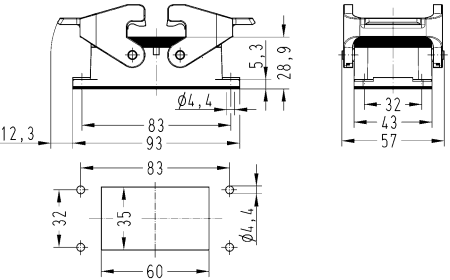
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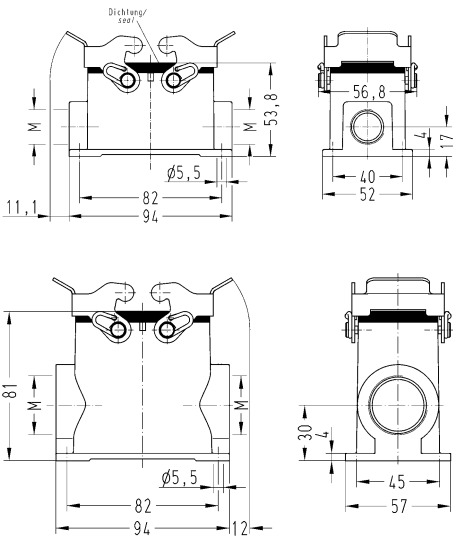
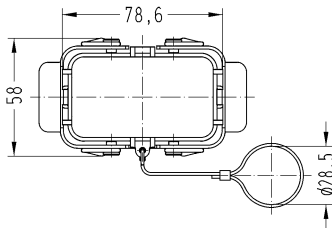
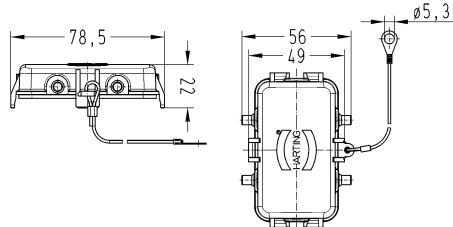
Hoods/housings for more demanding environmental requirements
Single locking lever

Identification	Cable entry	Part number		Drawing (dimensions in mm)	
		Low construction	High construction		
Han® M , Hoods, Top entry 	1x M20 1x M25 1x M32	19 37 006 1440	19 37 006 0445 19 37 006 0446 19 37 006 0447		
Han® M , Hoods, Side entry 	1x M20 1x M25	19 37 006 1540	19 37 006 0545 19 37 006 0546		
Housings Han® M , Bulkhead mounted housings 		09 37 006 0301		 Panel cut out	

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® M , Bulkhead mounted housings, With metal cover 		09 37 006 0318		
Han® M , Surface mounted housing, With thermo-plastic cover, Side entry, Han-Easy Lock® 	2x M25		19 37 006 0296	
Han® M , Surface mounted housing, Side entry 	2x M20	19 37 006 1290		
Han® M , Protection cover for bulkhead and cable to cable housing 		09 37 006 5405	09 37 006 5405	
Han® M , Protection cover for cable to cable housings 		09 37 006 5407	09 37 006 5407	

Hoods/housings for more demanding environmental requirements
Double locking lever

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® M , Hoods, Top entry 	1x M20 1x M25 1x M32 2x M20	19 37 010 1420	19 37 010 0426 19 37 010 0427 19 37 010 0465	
Han® M , Hoods, Side entry 	1x M20 1x M25 1x M32 1x M40	19 37 010 1520	19 37 010 0526 19 37 010 0527 19 37 010 0528	
Han® M , Bulkhead mounted housings 		09 37 010 0301		 Panel cut out

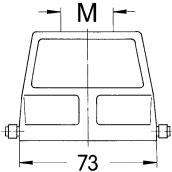
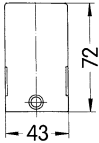
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® M , Surface mounted housing, Side entry 	2x M20 2x M32	19 37 010 1270	19 37 010 0272	
Han® M , Protection cover for hoods, Metal, With fixing cord 		09 37 010 5403	09 37 010 5403	
Han® M , Protection cover for all housings, Metal, With fixing cord 		09 37 010 5405	09 37 010 5405	



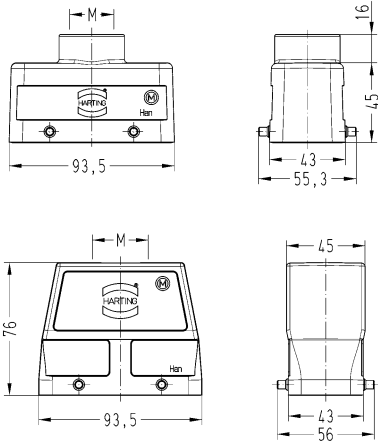
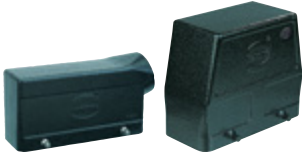
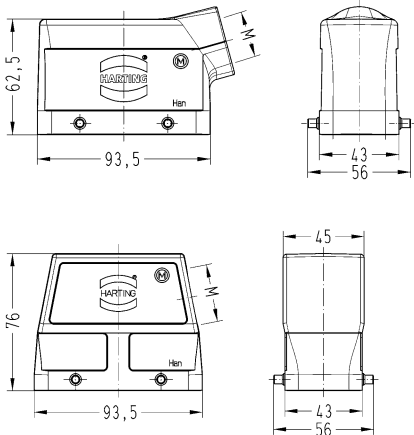
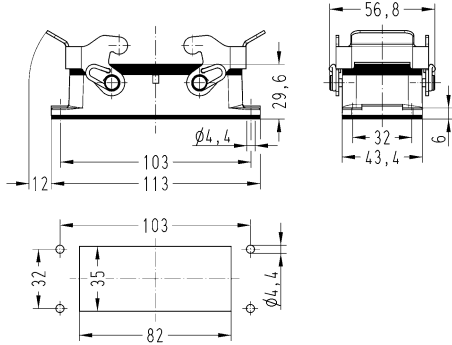
Hoods/housings for more demanding environmental requirements
Single locking lever

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® M , Surface mounted housing, Side entry 	2x M25	19 37 010 0296	

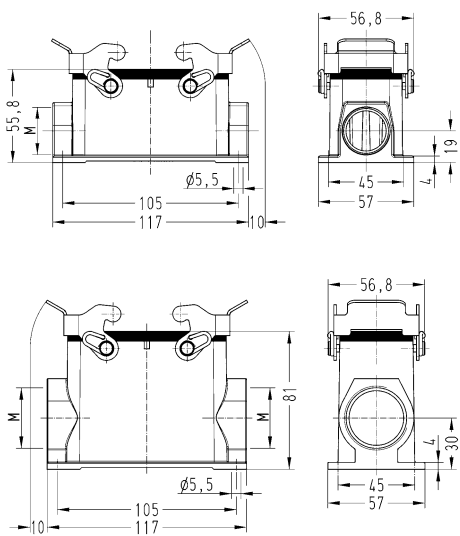
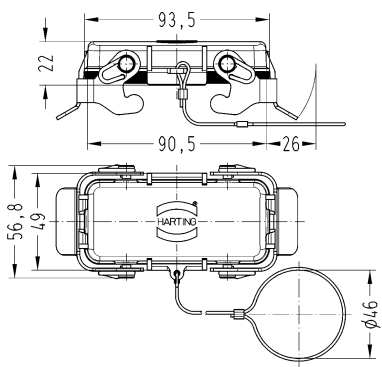
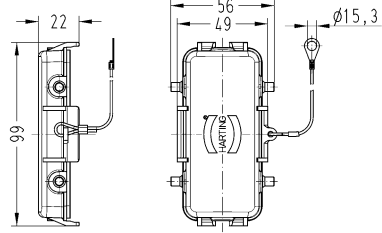
Hoods/housings for more demanding environmental requirements
Central locking lever

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® M , Hoods, Top entry 	1x M32	19 37 010 0447	 

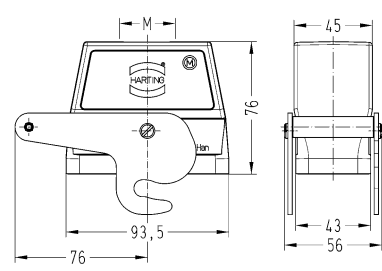
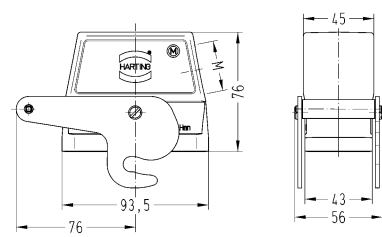
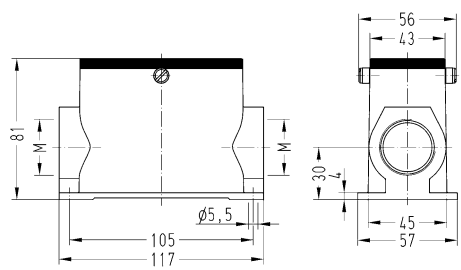
Hoods/housings for more demanding environmental requirements
Double locking lever

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® M , Hoods, Top entry 	1x M25 1x M32	19 37 016 1421	19 37 016 0427	
Han® M , Hoods, Side entry 	1x M25 1x M32 1x M40	19 37 016 1521	19 37 016 0527 19 37 016 0528	
Han® M , Bulkhead mounted housings 		09 37 016 0301		 Panel cut out

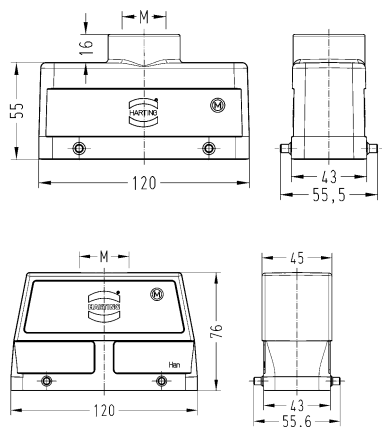
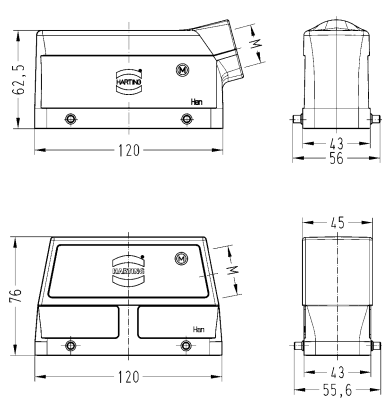
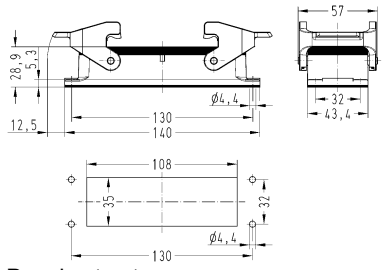
Housings

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® M , Surface mounted housing, Side entry 	1x M25 2x M32 2x M40	19 37 016 1231	19 37 016 0272 19 37 016 0273	
Han® M , Protection cover for hoods, Metal, With fixing cord 		09 37 016 5402	09 37 016 5402	
Han® M , Protection cover for all housings, Metal, With fixing cord 		09 37 016 5405	09 37 016 5405	

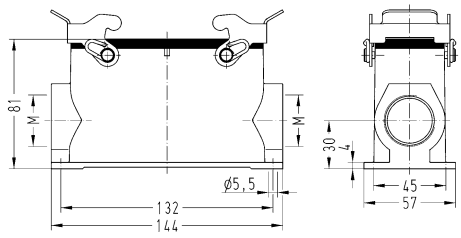
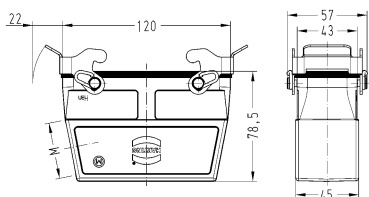
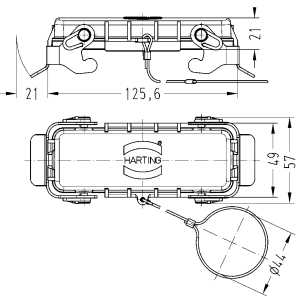
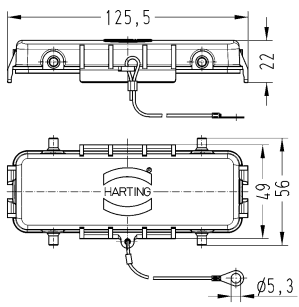
Hoods/housings for more demanding environmental requirements
Central locking lever

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® M , Hoods, Top entry 	1x M32	19 37 016 0487	
Han® M , Hoods, Side entry 	1x M32	19 37 016 0587	
Han® M , Surface mounted housing, Side entry 	2x M32	19 37 016 0282	

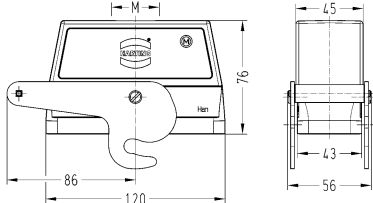
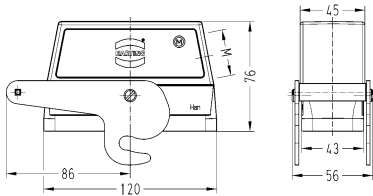
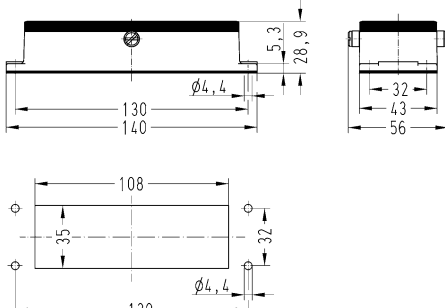
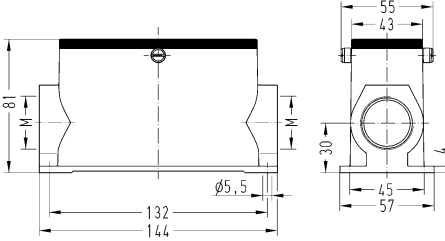
Hoods/housings for more demanding environmental requirements
Double locking lever

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® M , Hoods, Top entry 	1x M25 1x M32 1x M40	19 37 024 1421	19 37 024 0427 19 37 024 0428	
Han® M , Hoods, Side entry 	1x M25 1x M32 1x M40	19 37 024 1521	19 37 024 0527 19 37 024 0528	
Han® M , Bulkhead mounted housings 		09 37 024 0301		 Panel cut out

Housings

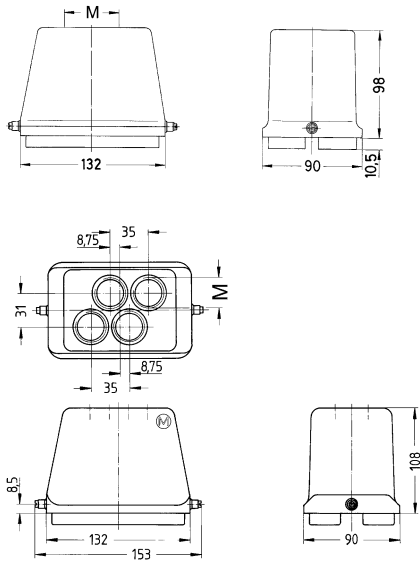
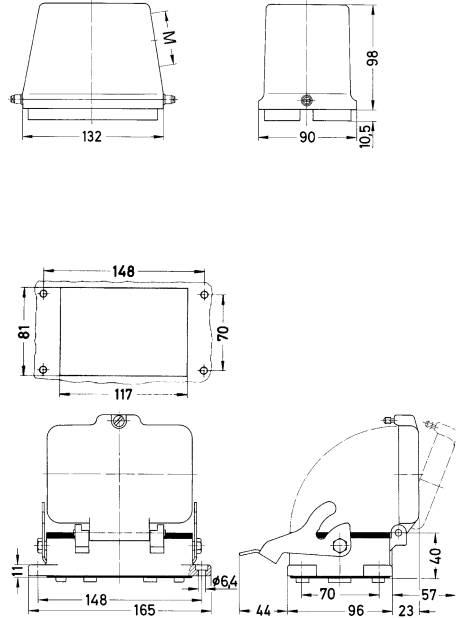
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® M , Surface mounted housing, Side entry 	2x M32		19 37 024 0272	
Han® M , Cable to cable housing, Side entry 	1x M40		19 37 024 0733	
Han® M , Protection cover for hoods 		09 37 024 5402	09 37 024 5402	
Han® M , Protection cover for all housings, Metal, With fixing cord 		09 37 024 5405	09 37 024 5405	

Hoods/housings for more demanding environmental requirements
Central locking lever

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® M , Hoods, Top entry 	1x M32		19 37 024 0487	
Han® M , Hoods, Side entry 	1x M32		19 37 024 0587	
Han® M , Bulkhead mounted housings 		09 37 024 0381		 Panel cut out
Han® M , Surface mounted housing, Side entry 	2x M32		19 37 024 0282	

Housings

Hoods/housings for more demanding environmental requirements
Single locking lever

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® M , Hoods, Top entry 	1x M40 1x M50 4x M25		19 37 048 0448 19 37 048 0449 19 37 048 0401	
Han® M , Hoods, Side entry 	1x M40		19 37 048 0548	
Han® M , Bulkhead mounted housings, With thermo-plastic cover 		09 37 048 0301		

Features

- Hoods/Housings for higher EMC requirements
- Continuous shield connection using conductive surface
- Metal hoods / housings with high shielding efficiency
- Field of application: for sensitive interconnections that have to be shielded against electrical, magnetic or electro-magnetic interferences
- Distinguishing feature: Electrically conductive surface, internal seal

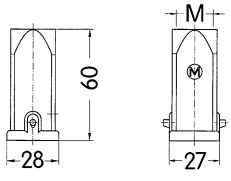
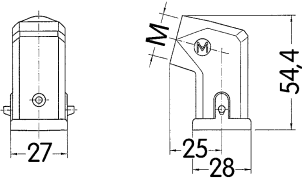
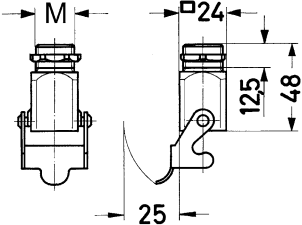
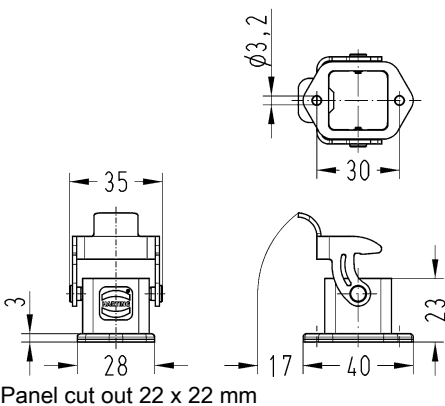
Technical characteristics

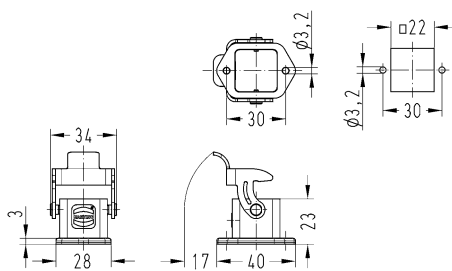
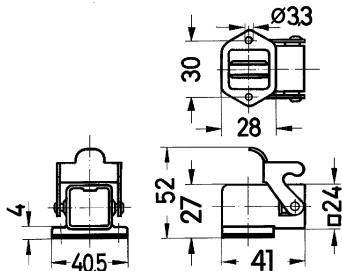
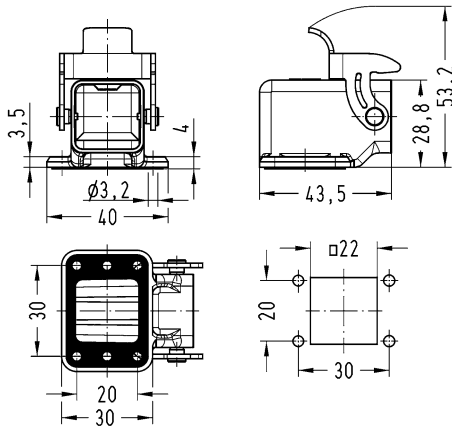
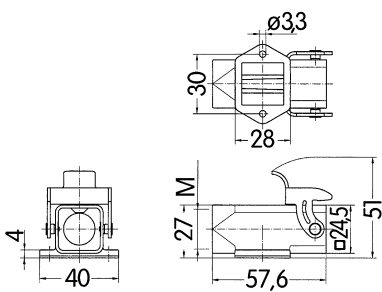
Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC 60529	IP44, IP67, With seal screw 09 20 000 9918
Material (hood/housing)	Zinc die-cast
Surface (hood/housing)	Electrical conductive
Colour (hood/housing)	Unpainted
Material (seal)	NBR
Material (locking)	Steel
Surface (locking)	Zinc plated

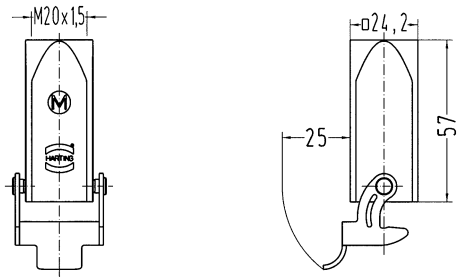
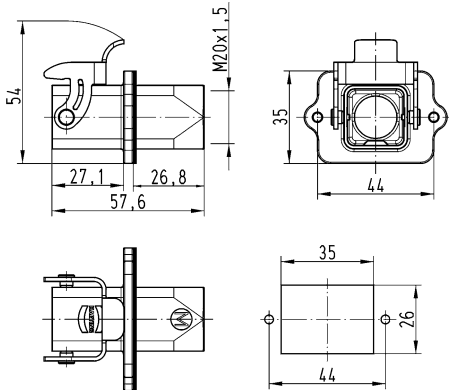
Specifications and approvals



Hoods/Housings for higher EMC requirements
Single locking lever

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® EMC , Hoods, Top entry 	1x M20 1x M25	19 62 003 1440 19 62 003 1445	
Han® EMC , Hoods, Side entry 	1x M20	19 62 003 1640	
Han® EMC , Screw mounted housings, Top entry 	1x M20	19 62 003 1150	
Han® EMC , Bulkhead mounted housings, Straight 		09 62 003 0301	 Panel cut out 22 x 22 mm

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® EMC , Bulkhead mounted housings, Straight, for PCB termination with Han® Q 5/0 		09 62 003 0304	
Han® EMC , Bulkhead mounted housings, Angled 		09 62 003 0801	 Panel cut out 22 x 22 mm
Han® EMC , Bulkhead mounted housings, Angled, 4 fixing screws 		09 62 003 0810	
Han® EMC , Surface mounted housing, Top entry 	1x M20	19 62 003 1250	 Panel cut out 22 x 22 mm

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® EMC , Cable to cable housing, Top entry 	1x M20 1x M25	19 62 003 1750 19 62 003 1755	
Han® EMC , Panel feed through housing, Top entry 	1x M20	19 62 003 1120	 Panel cut out

Features

- Hoods/Housings for higher EMC requirements
- Continuous shield connection using conductive surface
- Metal hoods / housings with high shielding efficiency
- Field of application: for sensitive interconnections that have to be shielded against electrical, magnetic or electro-magnetic interferences
- Distinguishing feature: Electrically conductive surface, internal seal

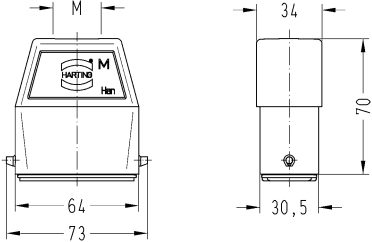
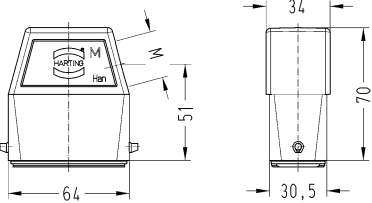
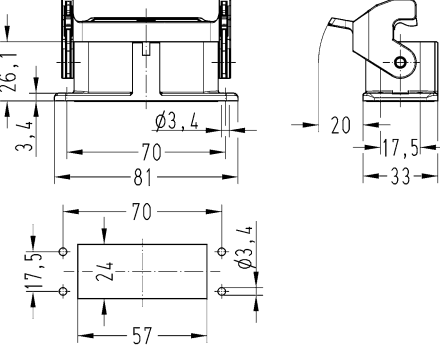
Technical characteristics

Limiting temperature	-40 ... +125 °C
Flammability acc. to UL 94 (locking levers)	V-0
Degree of protection acc. to IEC 60529	IP65
Degree of protection acc. to UL 50	4, 4X, 12
Material (hood/housing)	Aluminium die-cast
Surface (hood/housing)	Electrical conductive
Colour (hood/housing)	Unpainted
Material (seal)	NBR
Material (locking)	Polycarbonate, Stainless steel
Colour (locking)	RAL 7037 (dust grey)

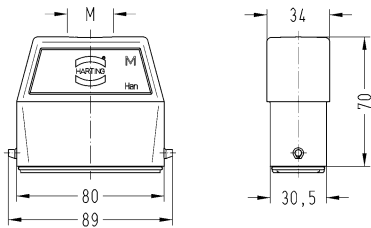
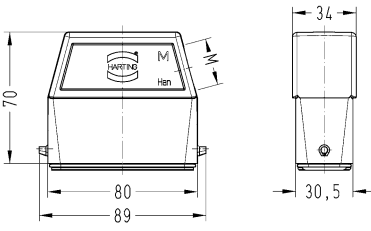
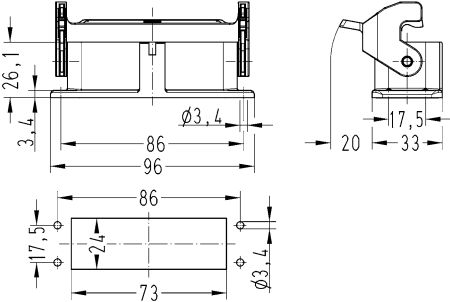
Specifications and approvals

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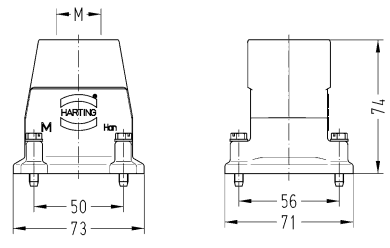
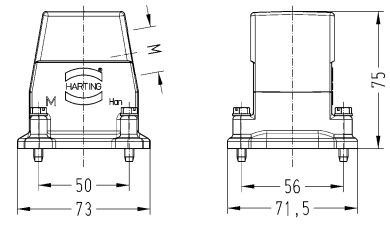
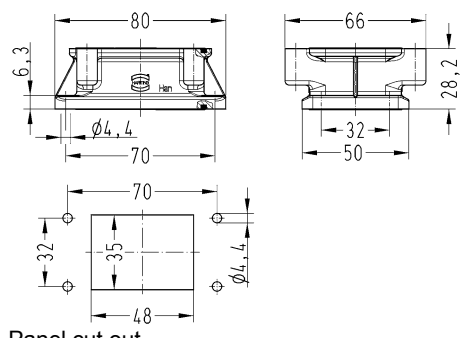
Hoods/Housings for higher EMC requirements
Single locking lever

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® EMC , Hoods, Top entry 	1x M25	19 62 015 0446	
Han® EMC , Hoods, Side entry 	1x M25	19 62 015 0546	
Han® EMC , Bulkhead mounted housings, Han-Easy Lock® 		09 62 015 0301	 Panel cut out

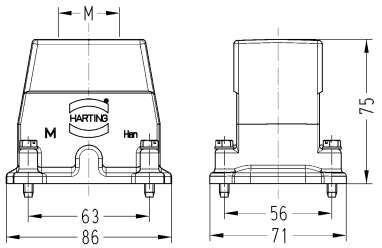
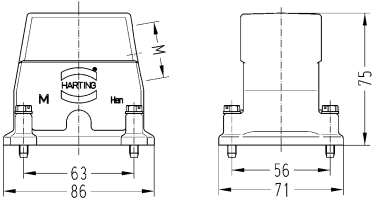
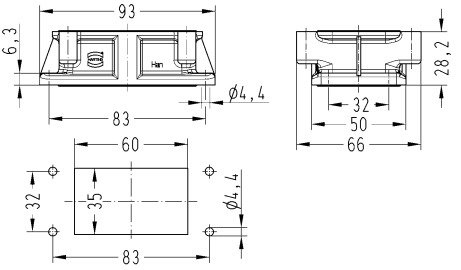
Hoods/Housings for higher EMC requirements
Single locking lever

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® EMC , Hoods, Top entry 	1x M25	19 62 025 0446	
Han® EMC , Hoods, Side entry 	1x M25	19 62 025 0546	
Han® EMC , Bulkhead mounted housings, Han-Easy Lock® 		09 62 025 0301	 Panel cut out

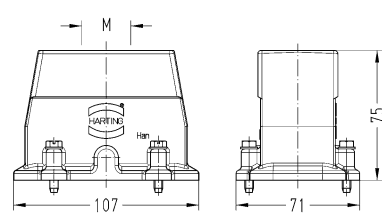
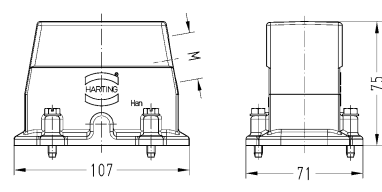
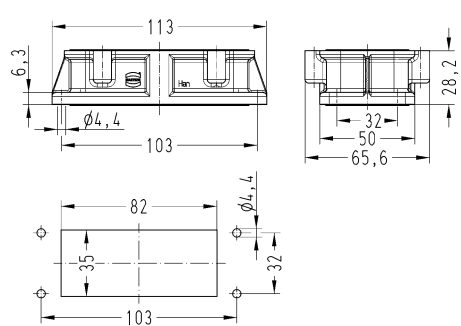
Hoods/Housings for higher EMC requirements
Screw locking

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® EMC , Hoods, Top entry 	1x M25 1x M32	19 62 006 0441 19 62 006 0442	
Han® EMC , Hoods, Side entry 	1x M25	19 62 006 0541	
Han® EMC , Bulkhead mounted housings 		09 62 006 0301	 Panel cut out

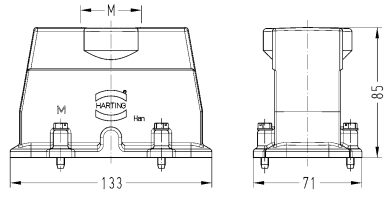
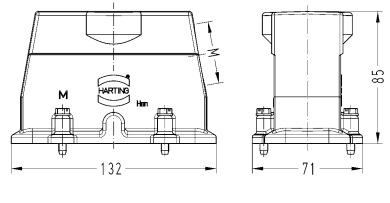
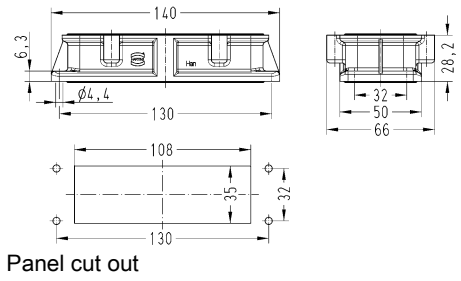
Hoods/Housings for higher EMC requirements
Screw locking

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® EMC , Hoods, Top entry 	1x M32	19 62 010 0442	
Han® EMC , Hoods, Side entry 	1x M32 1x M40	19 62 010 0542 19 62 010 0543	
Han® EMC , Bulkhead mounted housings 		09 62 010 0301	 Panel cut out

Hoods/Housings for higher EMC requirements
Screw locking

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® EMC , Hoods, Top entry 	1x M32	19 62 040 0442	
Han® EMC , Hoods, Side entry 	1x M32	19 62 040 0542	
Han® EMC , Bulkhead mounted housings 		09 62 040 0301	 Panel cut out

Hoods/Housings for higher EMC requirements
Screw locking

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® EMC , Hoods, Top entry 	1x M40	19 62 064 0443	
Han® EMC , Hoods, Side entry 	1x M40	19 62 064 0543	
Han® EMC , Bulkhead mounted housings 		09 62 064 0301	 Panel cut out

Features

- Hoods/Housings for higher EMC requirements
- Continuous shield connection using conductive surface
- Metal hoods / housings with high shielding efficiency
- Field of application: for sensitive interconnections that have to be shielded against electrical, magnetic or electro-magnetic interferences
- Distinguishing feature: Electrically conductive surface, internal seal
- Locking levers: Han-Easy Lock®

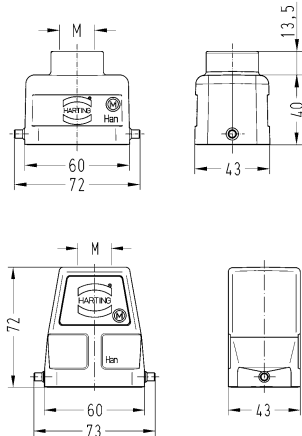
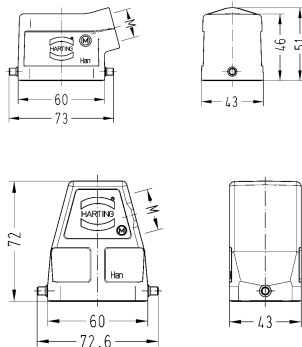
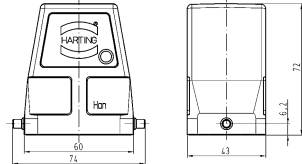
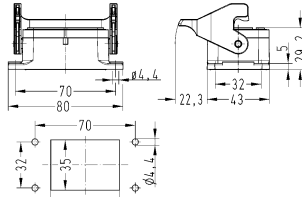
Technical characteristics

Limiting temperature	-40 ... +125 °C, -40 ... +200 °C With Han® High Temp components
Flammability acc. to UL 94 (locking levers)	V-0
Degree of protection acc. to IEC 60529	IP65
Degree of protection acc. to UL 50	4, 4X, 12
Material (hood/housing)	Aluminium die-cast
Surface (hood/housing)	Electrical conductive
Colour (hood/housing)	Unpainted
Material (seal)	NBR
Material (locking)	Polycarbonate, Stainless steel
Colour (locking)	RAL 7037 (dust grey)

Specifications and approvals

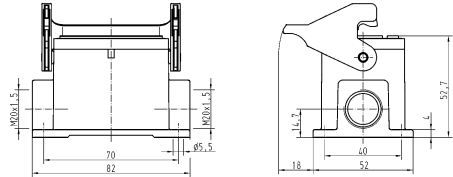
Ⓜ

Hoods/Housings for higher EMC requirements
Single locking lever

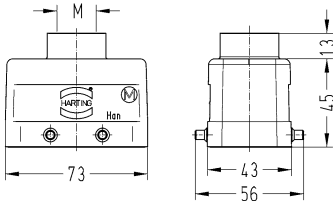
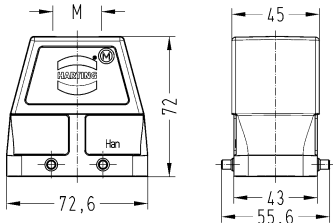
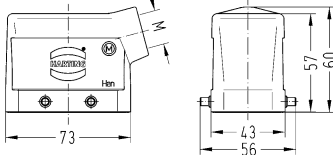
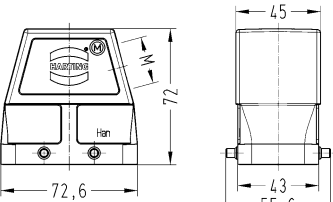
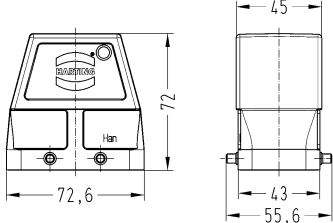
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® EMC/B Han® High Temp , Hoods, Top entry 	1x M20 1x M25 1x M32	19 62 806 1440	19 62 806 0446 19 62 806 0447	
Han® EMC/B Han® High Temp , Hoods, Side entry 	1x M20 1x M25 1x M32	19 62 806 1540	19 62 806 0546 19 62 806 0547	
Han® EMC/B Han® High Temp , Hoods, Without cable entry 			09 62 806 0801	
Han® EMC/B , Bulkhead mounted housings, Han-Easy Lock® 		09 62 806 0301		 Panel cut out

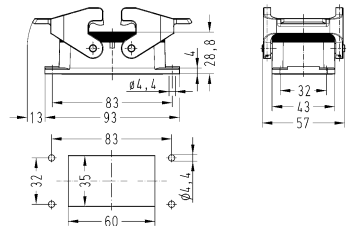
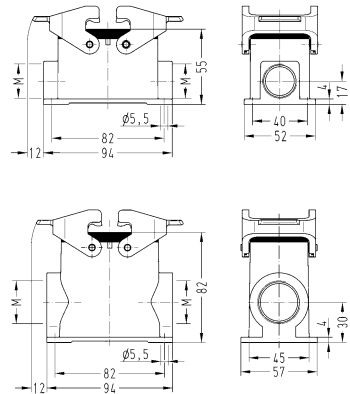
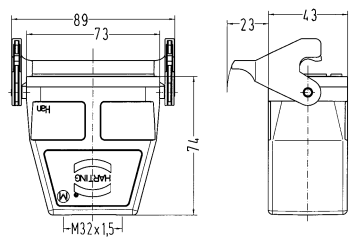
Housings



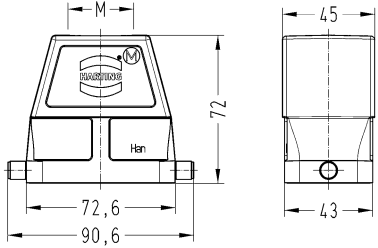
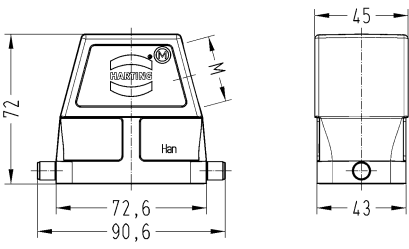
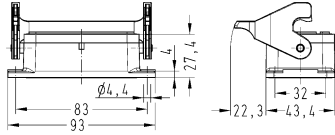
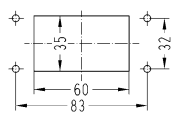
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® EMC/B , Surface mounted housing, Side entry, Han-Easy Lock® 	2x M20	19 62 806 1290		

Hoods/Housings for higher EMC requirements
Double locking lever

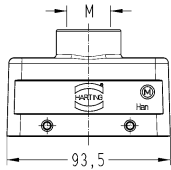
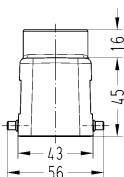
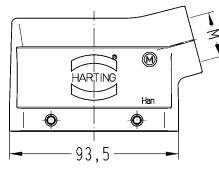
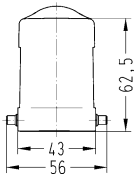
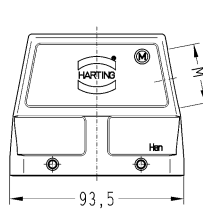
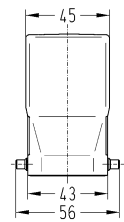
Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® EMC/B Han® High Temp , Hoods, Top entry 	1x M20 1x M25 1x M32	19 62 810 1420 19 62 810 1421	19 62 810 0426 19 62 810 0427	 
Han® EMC/B Han® High Temp , Hoods, Side entry 	1x M20 1x M25 1x M32	19 62 810 1520	19 62 810 0526 19 62 810 0527	 
Han® EMC/B Han® High Temp , Hoods, Without cable entry 			09 62 810 0801	

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® EMC/B , Bulkhead mounted housings, Han-Easy Lock® 		09 62 810 0301		 Panel cut out
Han® EMC/B , Surface mounted housing, Side entry, Han-Easy Lock® 	2x M25 2x M32	19 62 810 1271	19 62 810 0272	
Han® EMC/B , Cable to cable housing, Top entry, Han-Easy Lock® 	1x M25 1x M32		19 62 810 0766 19 62 810 0757	

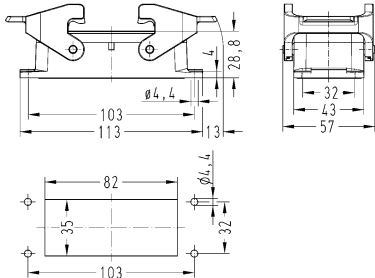
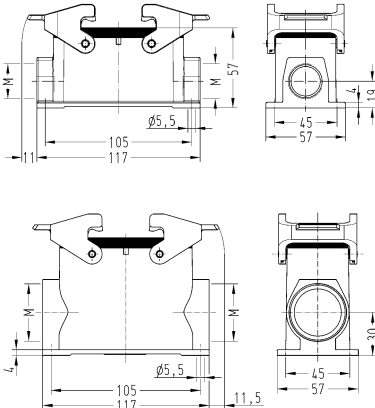
Hoods/Housings for higher EMC requirements
Single locking lever

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® EMC/B Han® High Temp , Hoods, Top entry 	1x M25 1x M32		19 62 810 0446 19 62 810 0447	
Han® EMC/B Han® High Temp , Hoods, Side entry 	1x M32		19 62 810 0547	
Han® EMC/B , Bulkhead mounted housings, Han-Easy Lock® 		09 62 810 0305		  Panel cut out

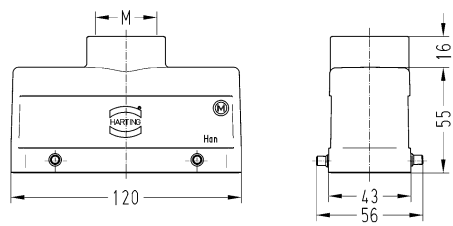
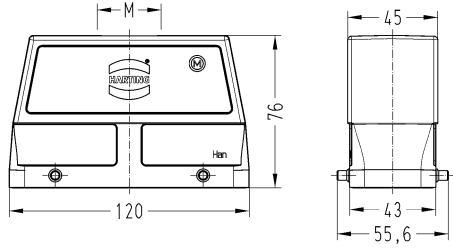
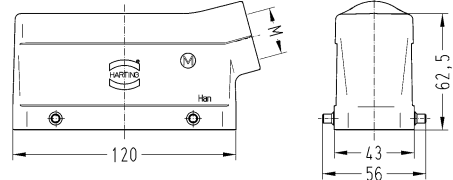
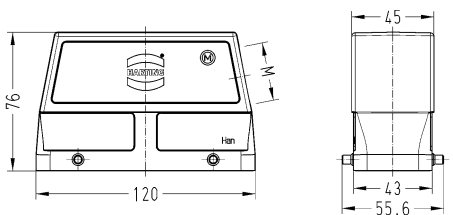
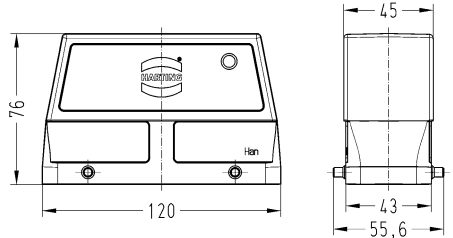
Hoods/Housings for higher EMC requirements
Double locking lever

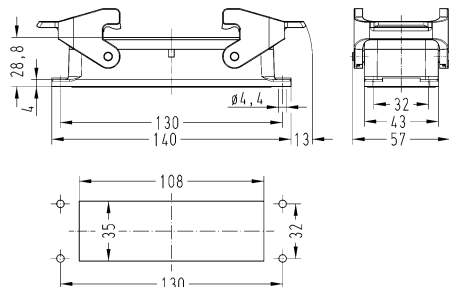
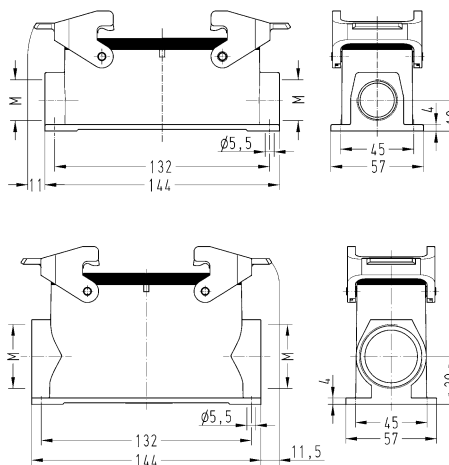
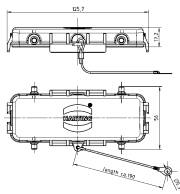
Identification	Cable entry	Part number		Drawing (dimensions in mm)	
		Low construction	High construction		
Han® EMC/B Han® High Temp , Hoods, Top entry 	1x M25 1x M32	19 62 816 1421	19 62 816 0427	 	
Han® EMC/B Han® High Temp , Hoods, Side entry 	1x M25 1x M32	19 62 816 1521	19 62 816 0527	 	
Han® EMC/B Han® High Temp , Hoods, Without cable entry 			09 62 816 0801	 	

Housings

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® EMC/B , Bulkhead mounted housings, Han-Easy Lock® 		09 62 816 0301		 Panel cut out
Han® EMC/B , Surface mounted housing, Side entry, Han-Easy Lock® 	2x M25 2x M40	19 62 816 1271	19 62 816 0273	

Hoods/Housings for higher EMC requirements
Double locking lever

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® EMC/B Han® High Temp , Hoods, Top entry 	1x M32	19 62 824 1422	19 62 824 0427	
Han® EMC/B Han® High Temp , Hoods, Side entry 	1x M25 1x M32 1x M40	19 62 824 1521	19 62 824 0527 19 62 824 0528	  
Han® EMC/B Han® High Temp , Hoods, Without cable entry 			09 62 824 0801	

Identification	Cable entry	Part number		Drawing (dimensions in mm)
		Low construction	High construction	
Han® EMC/B , Bulkhead mounted housings, Han-Easy Lock® 		09 62 824 0301		 Panel cut out
Han® EMC/B , Surface mounted housing, Side entry, Han-Easy Lock® 	2x M25 2x M40	19 62 824 1271	19 62 824 0273	
Han® EMC/B , Protection cover for bulkhead and cable to cable housing, Metal, With fixing cord 		09 62 824 5425	09 62 824 5425	

Features

- Hoods/housings for harsh outdoor environments
- Metal hoods and housings with excellent corrosion resistance
- Corrosion resistance ASTM B117-09 (500 h)
- Excellent EMC characteristics
- Screw locking M4
- Field of application: for external electrical interconnections in vehicles, in highly demanding environments and wet areas, as well as for sensitive interconnections that have to be shielded
- Distinguishing feature: colour-coded black, internal seal

Technical characteristics

Limiting temperature	-40 ... +125 °C
Tightening torque	2 Nm
Degree of protection acc. to IEC 60529	IP65, IP68, IP69K
Material (hood/housing)	Zinc die-cast
Surface (hood/housing)	Powder-coated, Chromated
Colour (hood/housing)	RAL 9005 (jet black)
Material (seal)	NBR
Material (locking)	Stainless steel

Specifications and approvals

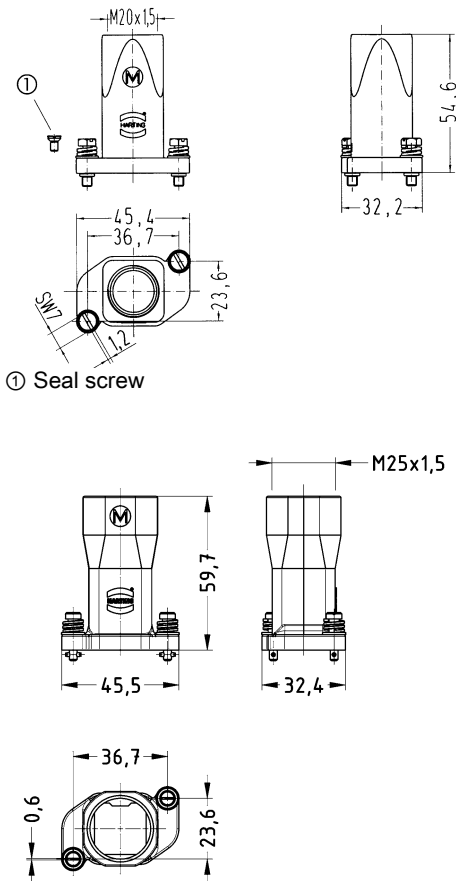
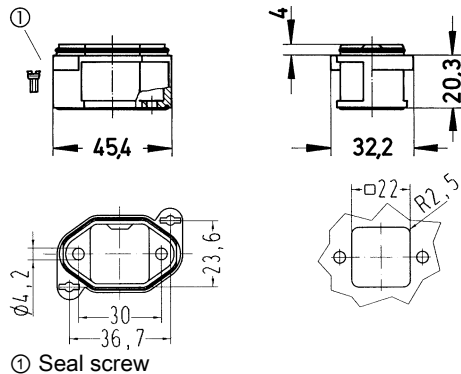


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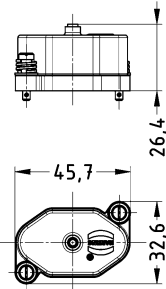
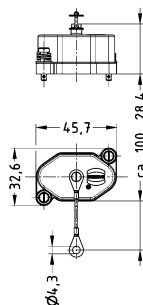
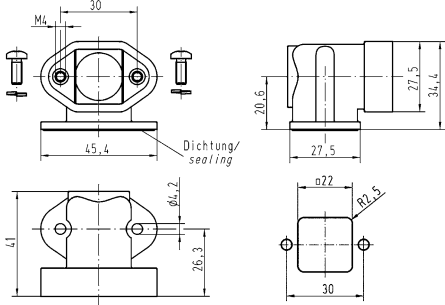
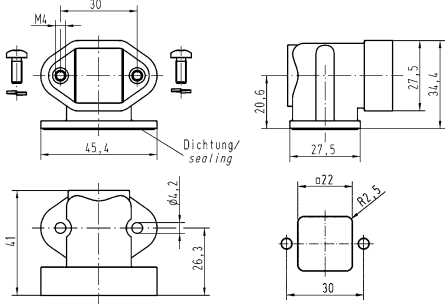
By using the inserts of Han® Q and Han A® series, the sealing on the insert has to be removed. The sealing screw of the insert must be replaced by the sealing screw of the hood/housing.

By using the angled bulkhead and surface mounted housings with through holes in the mounting flanges, it has to be ensured by the customer that the fixing screws appropriately sealed from the inside of the housing.

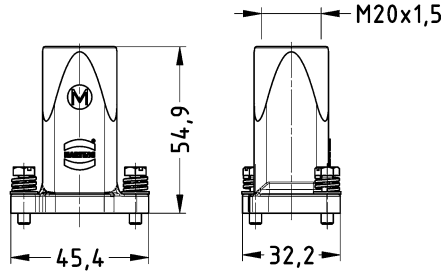
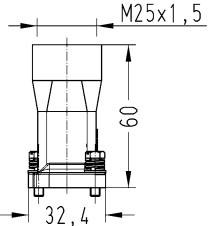
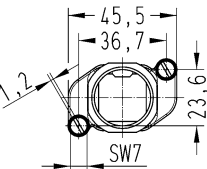
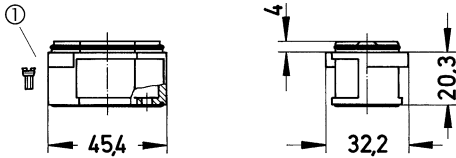
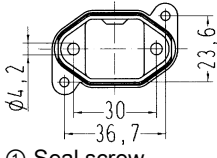
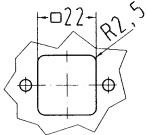
Hoods/housings for harsh outdoor environments
Toggle locking

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Hoods, Top entry, Pack contents: With seal screw 	1x M20 1x M25	19 40 703 0400 19 40 703 0401	
Han® HPR , Bulkhead mounted housings, Straight, Pack contents: With seal screw 		09 40 703 0301	

Housings

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Protection cover for all housings 		09 40 703 5401	
Han® HPR , Protection cover for all housings, With fixing cord 		09 40 703 5402	
Han® HPR , Adapter, Open bottom, for assembly of bulkhead mounted bulk- head mounted position, Top entry 	1x M20	19 40 703 0900	
Han® HPR , Adapter, Open bottom, for assembly of bulkhead mounted bulk- head mounted position, Without cable entry 		09 40 703 0902	

Hoods/housings for harsh outdoor environments
Screw locking

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Hoods, Top entry, Pack contents: With seal screw 	1x M20 1x M25	19 40 703 0410 19 40 703 0411	  
Han® HPR , Bulkhead mounted housings, Straight, Pack contents: With seal screw 		09 40 703 0311	  

Housings

Identification

Cable entry

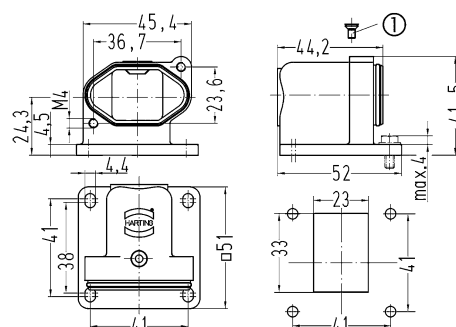
Part number

Drawing
(dimensions in mm)

Han® HPR ,
Bulkhead mounted housings,
Angled,
Open bottom,
Feed through hole for fixing screws,
Pack contents:
With seal screw



09 40 703 0950

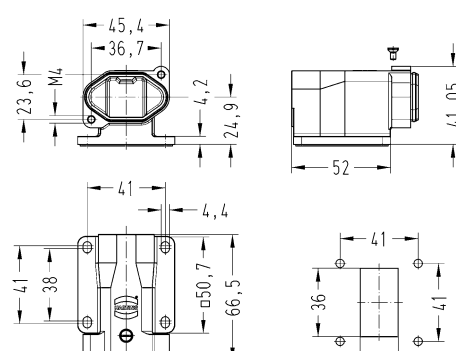


① Seal screw

Han® HPR ,
Bulkhead mounted housings,
Angled,
Open bottom,
Long version,
Feed through hole for fixing screws,
Pack contents:
With seal screw



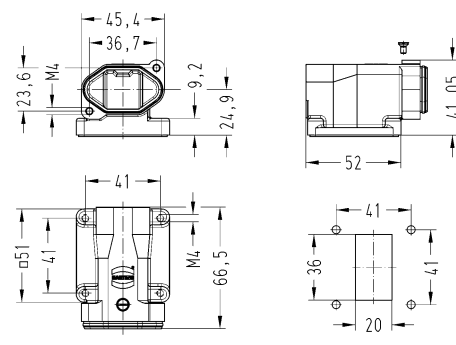
09 40 703 0951



Han® HPR ,
Bulkhead mounted housings,
Angled,
Open bottom,
Long version,
Tapped blind hole for fixing screws,
Pack contents:
With seal screw



09 40 703 0953

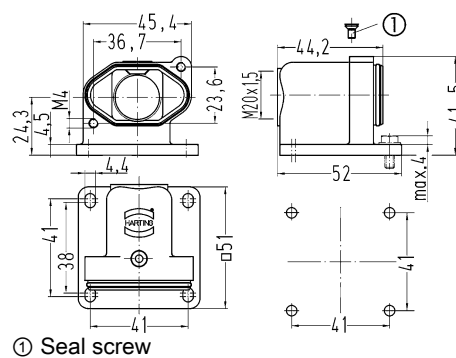


Han® HPR ,
Surface mounted housing,
Angled,
Bottom closed,
Feed through hole for fixing screws,
Top entry,
Pack contents:
With seal screw



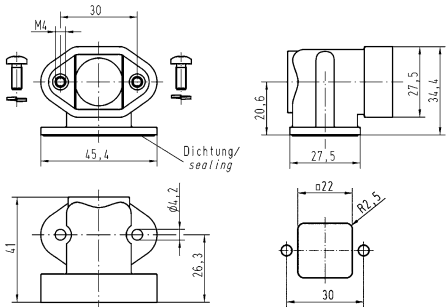
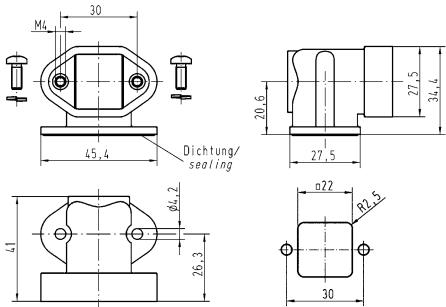
1x M20

19 40 703 0950



① Seal screw

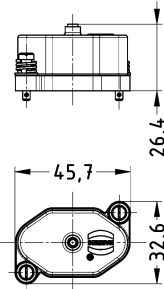
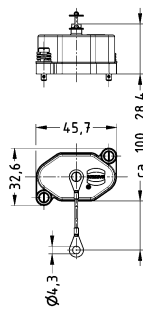
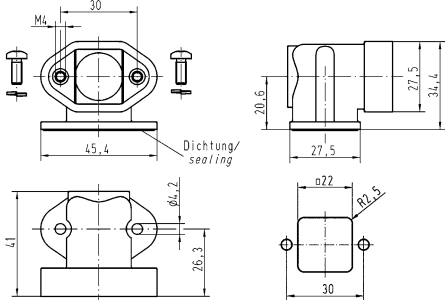
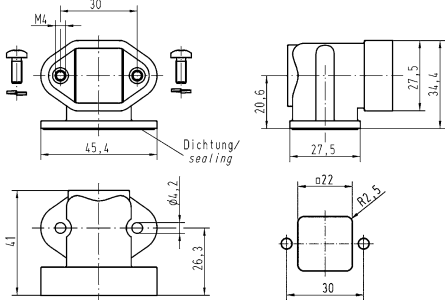
Housings

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Adapter, Open bottom, for assembly of bulkhead mounted bulk- head mounted position, Top entry 	1x M20	19 40 703 0900	
Han® HPR , Adapter, Open bottom, for assembly of bulkhead mounted bulk- head mounted position, Without cable entry 		09 40 703 0902	

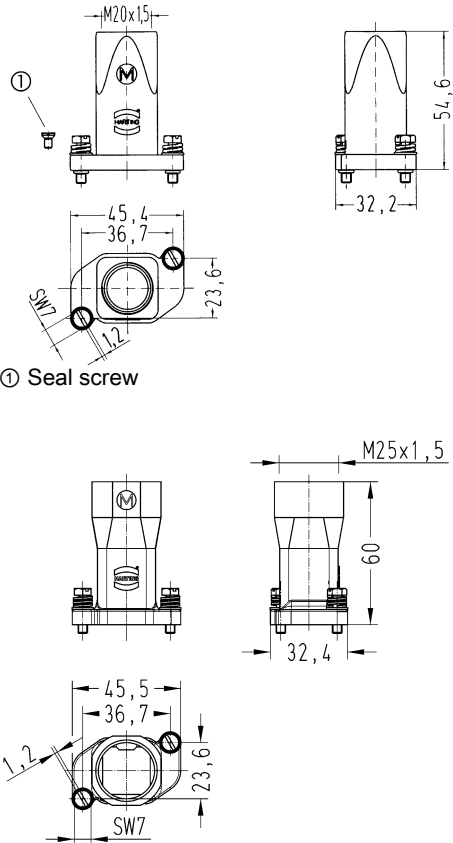
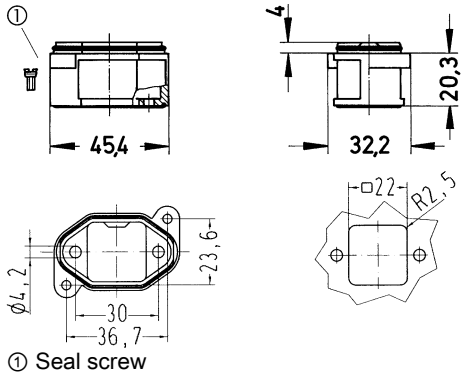
Hoods/housings for harsh outdoor environments
Toggle locking

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Hoods, Top entry, Pack contents: With seal screw	1x M20 1x M25	19 40 003 0400 19 40 003 0401	
Han® HPR , Bulkhead mounted housings, Straight, Pack contents: With seal screw		09 40 003 0301	

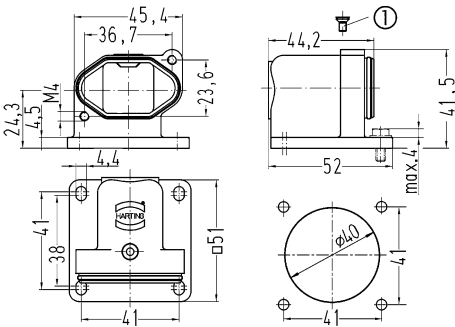
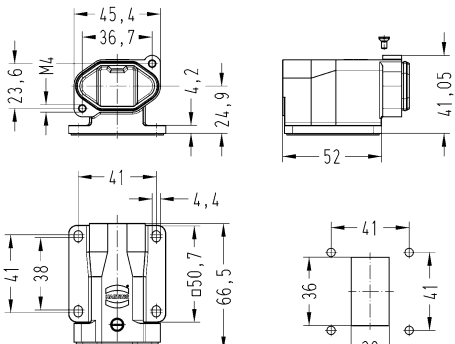
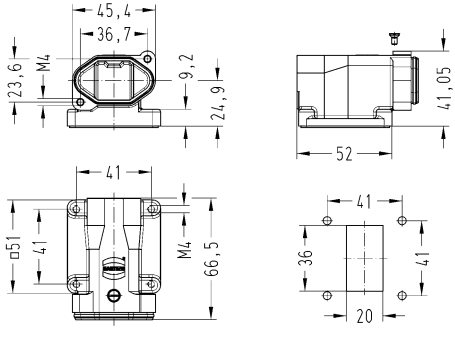
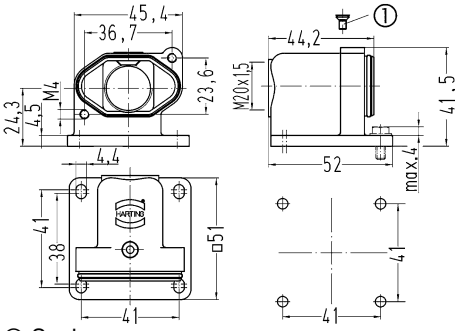
Housings

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Protection cover for all housings 		09 40 003 5401	
Han® HPR , Protection cover for all housings, With fixing cord 		09 40 003 5402	
Han® HPR , Adapter, Open bottom, for assembly of bulkhead mounted bulk- head mounted position, Top entry 	1x M20	19 40 003 0900	
Han® HPR , Adapter, Open bottom, for assembly of bulkhead mounted bulk- head mounted position, Without cable entry 		09 40 003 0902	

Hoods/housings for harsh outdoor environments
Screw locking

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Hoods, Top entry, Pack contents: With seal screw 	1x M20 1x M25	19 40 003 0410 19 40 003 0411	
Han® HPR , Bulkhead mounted housings, Straight, Pack contents: With seal screw 		09 40 003 0311	

Housings

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Bulkhead mounted housings, Angled, Open bottom, Feed through hole for fixing screws, Pack contents: With seal screw 		09 40 003 0950	 ① Seal screw
Han® HPR , Bulkhead mounted housings, Angled, Long version, Open bottom, Feed through hole for fixing screws, Pack contents: With seal screw 		09 40 003 0951	
Han® HPR , Bulkhead mounted housings, Angled, Long version, Open bottom, Tapped blind hole for fixing screws, Pack contents: With seal screw 		09 40 003 0953	
Han® HPR , Surface mounted housing, Bottom closed, Feed through hole for fixing screws, Top entry, Pack contents: With seal screw 	1x M20	19 40 003 0950	 ① Seal screw

Housings

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Adapter, Open bottom, for assembly of bulkhead mounted bulk- head mounted position, Top entry	1x M20	19 40 003 0900	Technical drawing of the adapter (part 19 40 003 0900) showing three views: top view, side view, and front view. Dimensions include: top view width 30, height 45.4, mounting hole diameter M6; side view length L1, height 26.3, cable entry diameter Ø4.2; front view width 30, height 27.5, cable entry diameter Ø4.2, and overall height 34.4. A label 'Dichtung/sealing' points to the sealing area.
Han® HPR , Adapter, Open bottom, for assembly of bulkhead mounted bulk- head mounted position, Without cable entry		09 40 003 0902	Technical drawing of the adapter (part 09 40 003 0902) showing three views: top view, side view, and front view. Dimensions are identical to part 19 40 003 0900, including top view width 30, height 45.4, mounting hole diameter M6; side view length L1, height 26.3, cable entry diameter Ø4.2; and front view width 30, height 27.5, cable entry diameter Ø4.2, and overall height 34.4. A label 'Dichtung/sealing' points to the sealing area.

Features

- Hoods/housings for harsh outdoor environments
- Metal hoods and housings with excellent corrosion resistance
- Corrosion resistance ASTM B117-09 (500 h)
- Excellent EMC characteristics
- Screw locking M6
- Field of application: for external electrical interconnections in vehicles, in highly demanding environments and wet areas, as well as for sensitive interconnections that have to be shielded
- Distinguishing feature: colour-coded black, internal seal

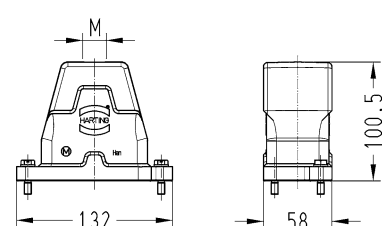
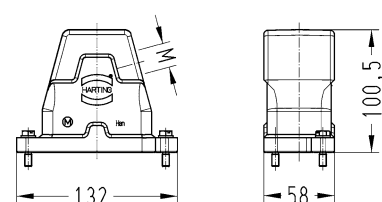
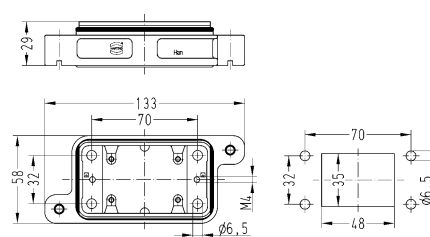
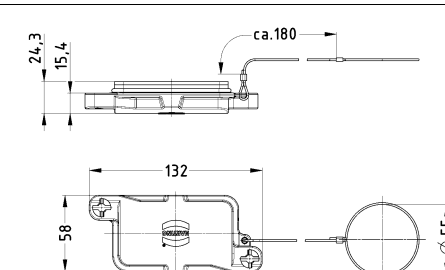
Technical characteristics

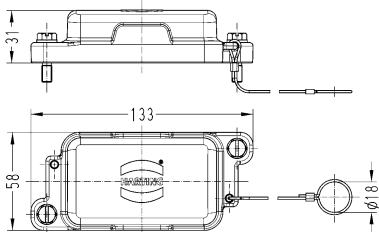
Limiting temperature	-40 ... +125 °C
Tightening torque	4 Nm
Degree of protection acc. to IEC 60529	IP65, IP68, IP69K
Degree of protection acc. to UL 50	4, 4X, 12
Material (hood/housing)	Aluminium die-cast, Corrosion resistant
Surface (hood/housing)	Powder-coated
Colour (hood/housing)	RAL 9005 (jet black)
Material (seal)	NBR
Material (locking)	Stainless steel

Specifications and approvals

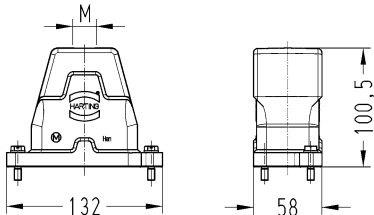
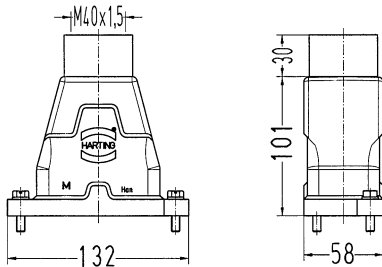
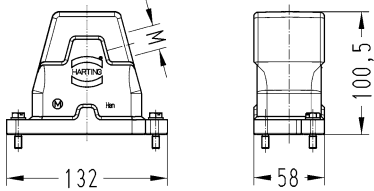
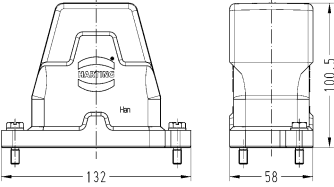
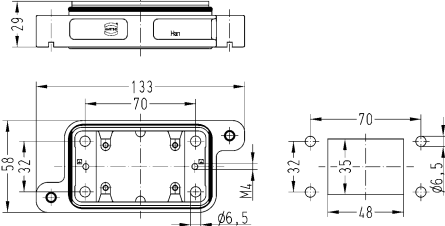


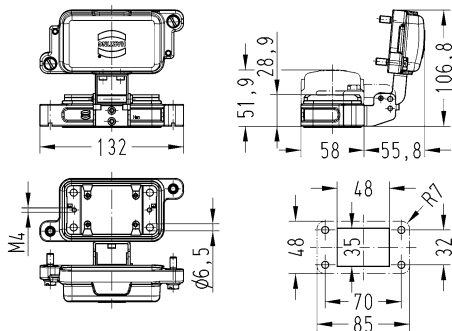
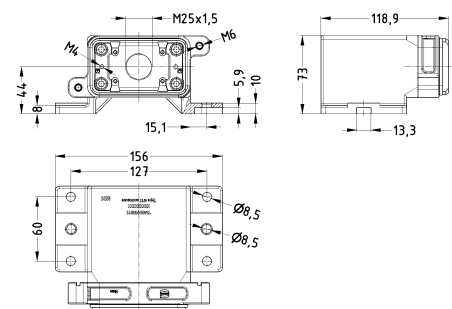
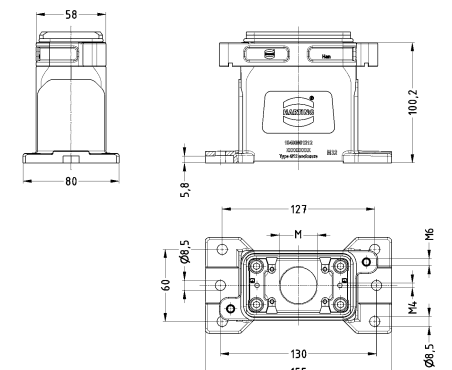
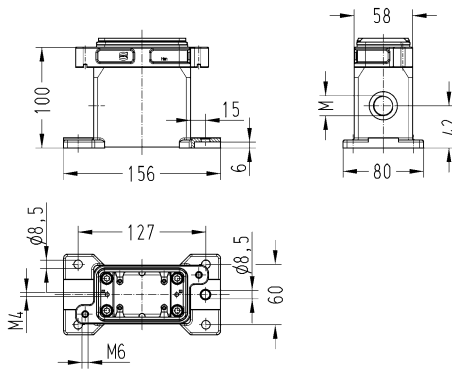
Hoods/housings for harsh outdoor environments
Toggle locking

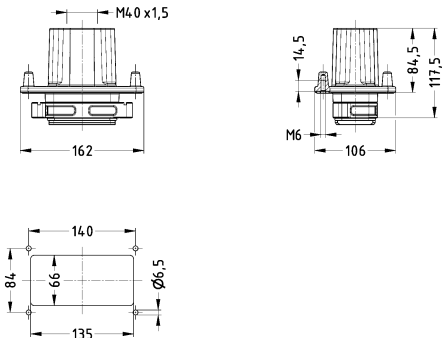
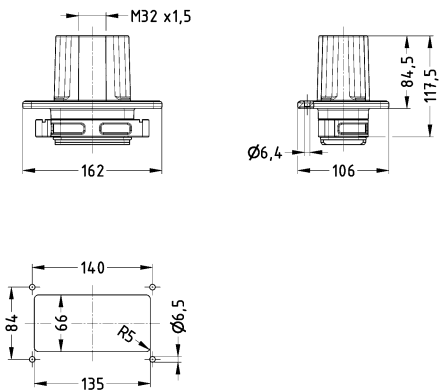
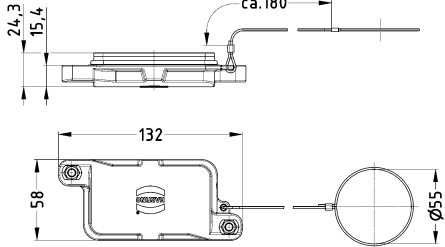
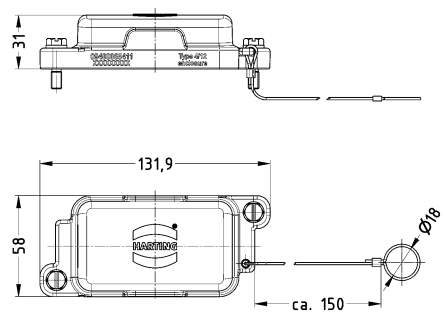
Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Hoods, Top entry 	1x M25	19 40 006 0401	
Han® HPR , Hoods, Side entry 	1x M25	19 40 006 0501	
Han® HPR , Bulkhead mounted housings 		09 40 006 0301	
Han® HPR , Protection cover for hoods, Metal 		09 40 006 5404	

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Protection cover for bulkhead and cable to cable housing, Metal 		09 40 006 5401	

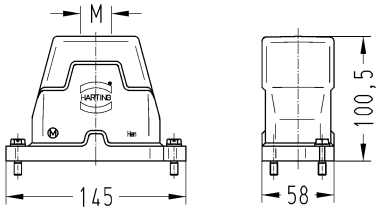
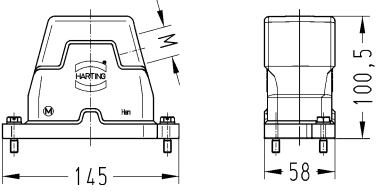
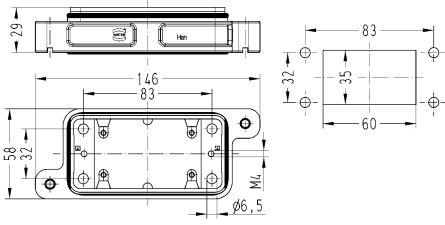
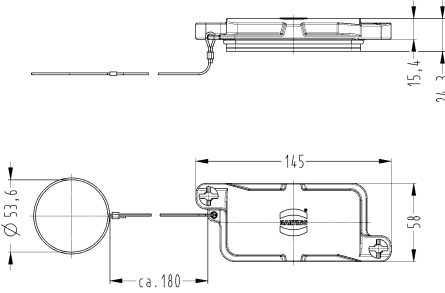
Hoods/housings for harsh outdoor environments
Screw locking

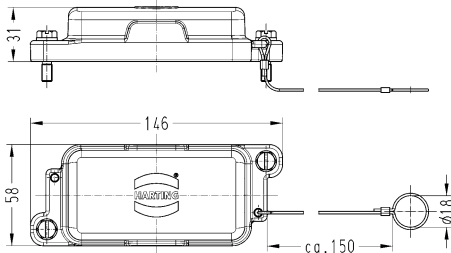
Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Hoods, Top entry 	1x M20 1x M25 1x M32 1x M40	19 40 006 0410 19 40 006 0411 19 40 006 0412 19 40 006 0413	
Han® HPR , Hoods, With adapter, Top entry 	1x M40	19 40 006 0418	
Han® HPR , Hoods, Side entry 	1x M20 1x M25 1x M32 1x M40	19 40 006 0510 19 40 006 0511 19 40 006 0512 19 40 006 0513	
Housings Han® HPR , Hoods, Without cable entry 		09 40 006 0811	
Han® HPR , Bulkhead mounted housings 		09 40 006 0311	

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Bulkhead mounted housings, With metal cover 		09 40 006 0317	
Han® HPR , Surface mounted housing, Horizontal version, Top entry 	1x M25	19 40 006 0911	
Han® HPR , Surface mounted housing, Top entry 	1x M32 1x M40	19 40 006 1212 19 40 006 1213	
Han® HPR , Surface mounted housing, Side entry 	1x M20 1x M25 1x M32	19 40 006 1260 19 40 006 1261 19 40 006 1262	

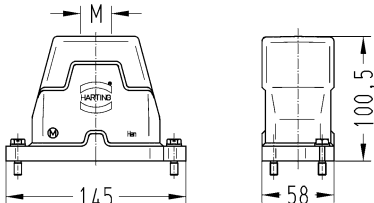
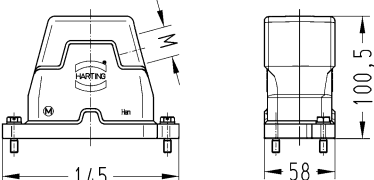
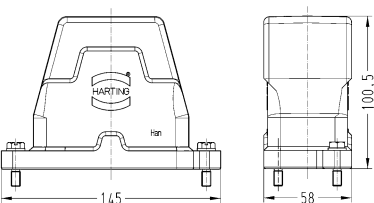
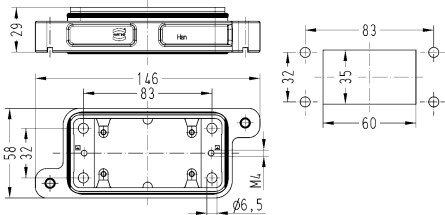
Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Panel feed through housing, for mounting from inside, Top entry 	1x M32 1x M40	19 40 006 1112 19 40 006 1113	
Han® HPR , Panel feed through housing, for mounting from outside, Top entry 	1x M32 1x M40	19 40 006 1117 19 40 006 1118	
Han® HPR , Protection cover for hoods, Metal 		09 40 006 5414	
Housings Han® HPR , Protection cover for bulkhead and cable to cable housing, Metal 		09 40 006 5411	

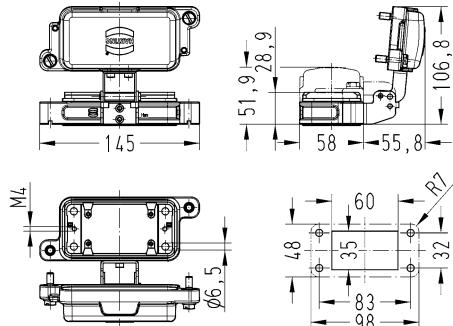
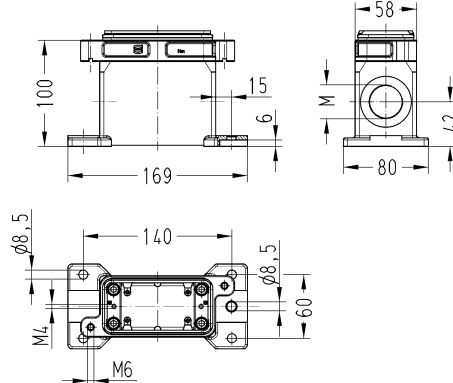
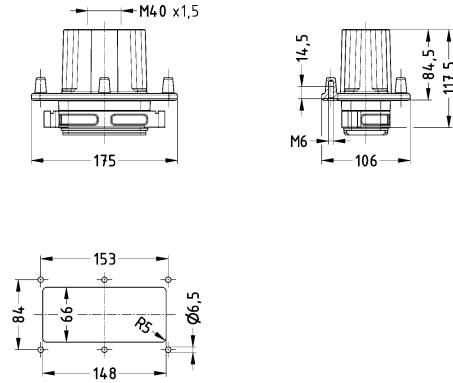
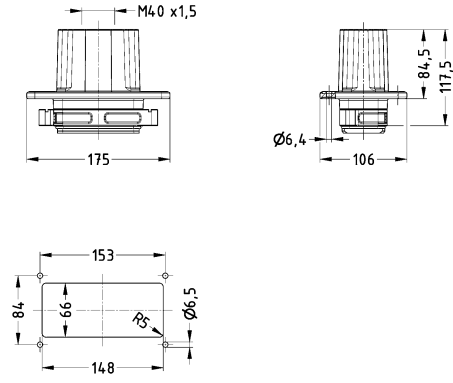
Hoods/housings for harsh outdoor environments
Toggle locking

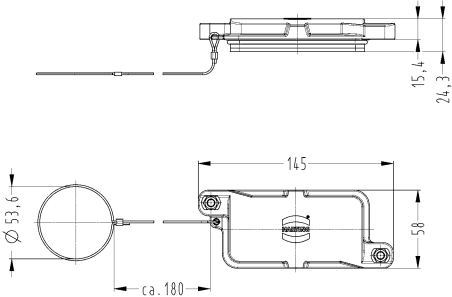
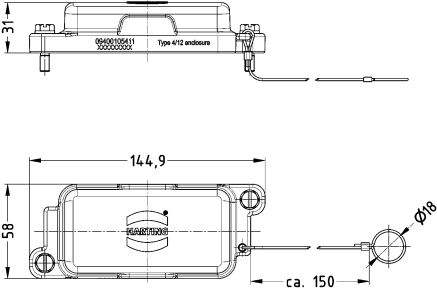
Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Hoods, Top entry 	1x M25	19 40 010 0401	
Han® HPR , Hoods, Side entry 	1x M25	19 40 010 0501	
Han® HPR , Bulkhead mounted housings 		09 40 010 0301	
Han® HPR , Protection cover for hoods, Metal 		09 40 010 5404	

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Protection cover for bulkhead and cable to cable housing, Metal 		09 40 010 5401	

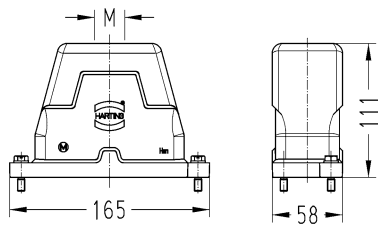
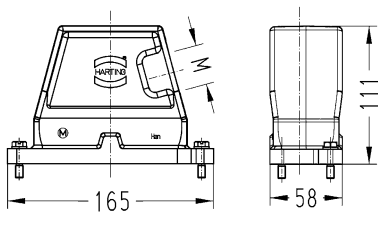
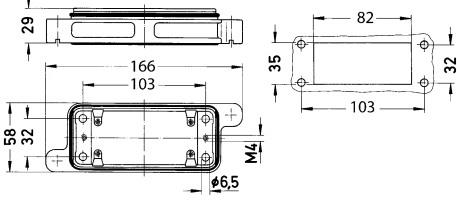
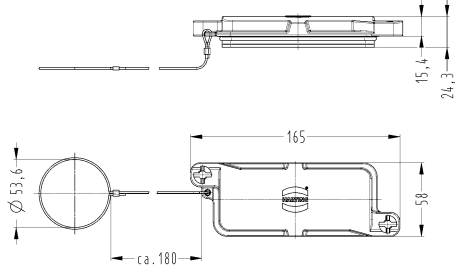
Hoods/housings for harsh outdoor environments
Screw locking

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Hoods, Top entry 	1x M25 1x M32 1x M40 2x M20	19 40 010 0411 19 40 010 0412 19 40 010 0413 19 40 010 0430	
Han® HPR , Hoods, Side entry 	1x M25 1x M32 1x M40	19 40 010 0511 19 40 010 0512 19 40 010 0513	
Han® HPR , Hoods, Without cable entry 		09 40 010 0811	
Han® HPR , Bulkhead mounted housings 		09 40 010 0311	

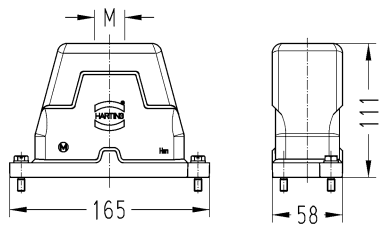
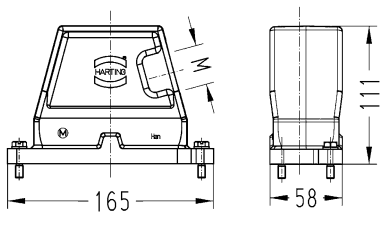
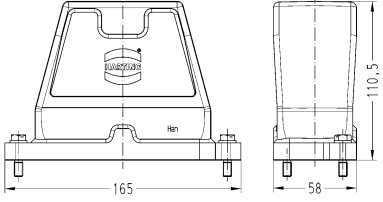
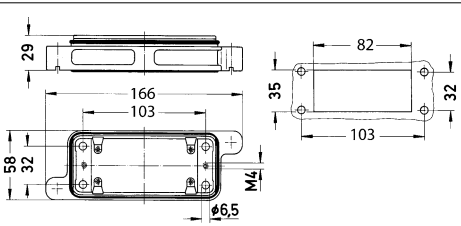
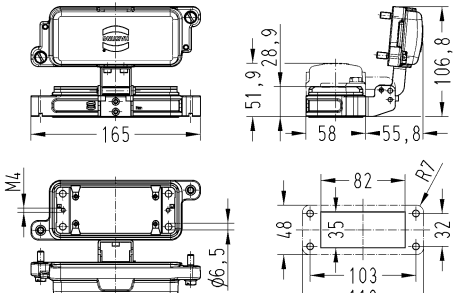
Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Bulkhead mounted housings, With metal cover 		09 40 010 0317	
Han® HPR , Surface mounted housing, Side entry 	1x M20 1x M32 1x M40 2x M25 2x M32	19 40 010 1260 19 40 010 1262 19 40 010 1263 19 40 010 1271 19 40 010 1272	
Han® HPR , Panel feed through housing, for mounting from inside, Top entry 	1x M40	19 40 010 1113	
Han® HPR , Panel feed through housing, for mounting from outside, Top entry 	1x M40	19 40 010 1118	

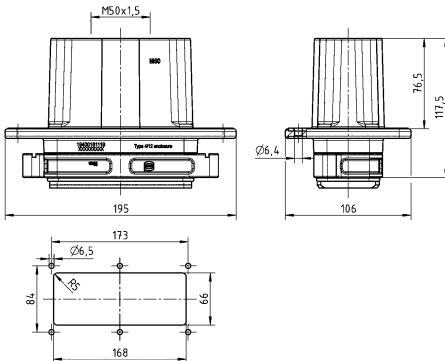
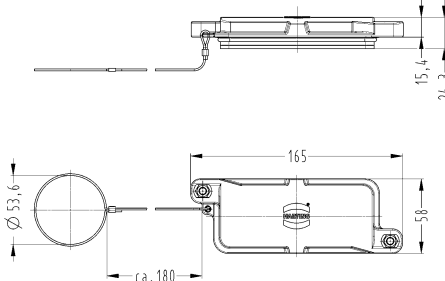
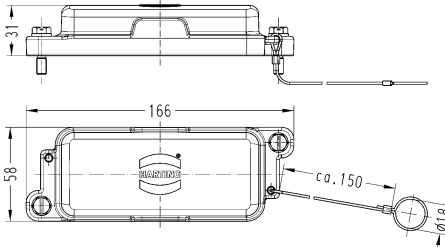
Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Protection cover for hoods, Metal 		09 40 010 5414	
Han® HPR , Protection cover for bulkhead and cable to cable housing, Metal 		09 40 010 5411	

Hoods/housings for harsh outdoor environments
Toggle locking

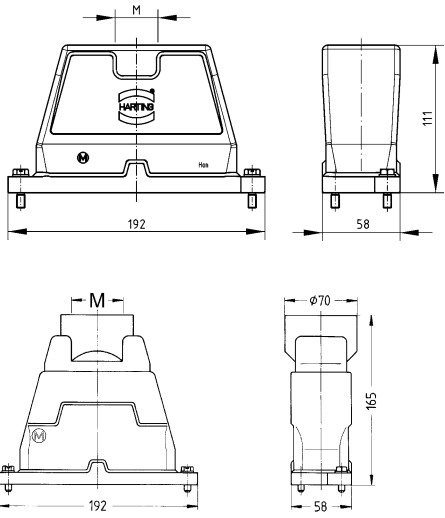
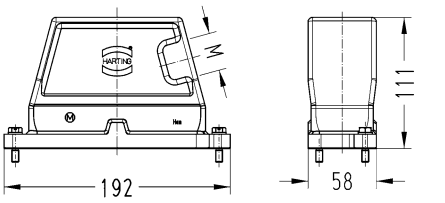
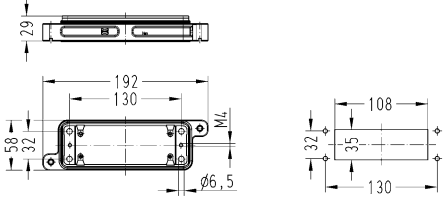
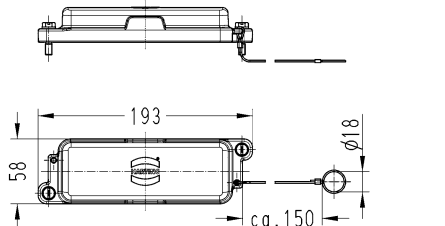
Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Hoods, Top entry 	1x M32	19 40 016 0402	
Han® HPR , Hoods, Side entry 	1x M32	19 40 016 0502	
Han® HPR , Bulkhead mounted housings 		09 40 016 0301	
Han® HPR , Protection cover for hoods, Metal 		09 40 016 5404	

Hoods/housings for harsh outdoor environments
Screw locking

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Hoods, Top entry 	1x M25 1x M32 1x M40 1x M50 2x M25	19 40 016 0411 19 40 016 0412 19 40 016 0413 19 40 016 0414 19 40 016 0431	
Han® HPR , Hoods, Side entry 	1x M25 1x M32 1x M40 1x M50	19 40 016 0511 19 40 016 0512 19 40 016 0513 19 40 016 0514	
Han® HPR , Hoods, Without cable entry 		09 40 016 0811	
Han® HPR , Bulkhead mounted housings 		09 40 016 0311	
Han® HPR , Bulkhead mounted housings, With metal cover 		09 40 016 0317	

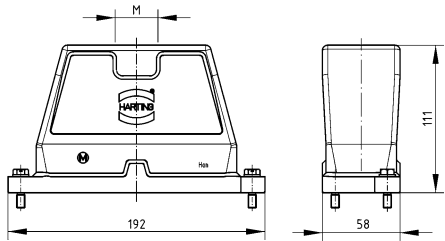
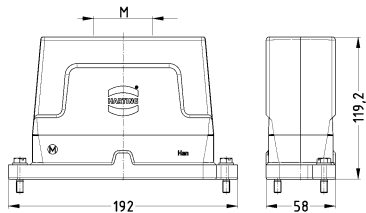
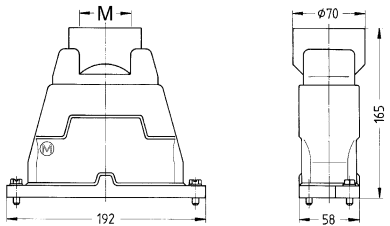
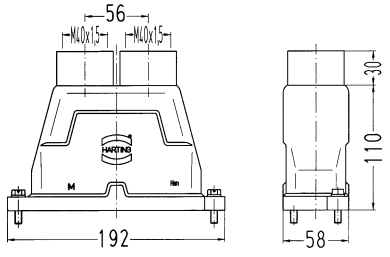
Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Panel feed through housing, for mounting from outside, Top entry 	1x M50 2x M25	19 40 016 1119 19 40 016 1134	
Han® HPR , Protection cover for hoods, Metal 		09 40 016 5414	
Han® HPR , Protection cover for bulkhead and cable to cable housing, Metal 		09 40 016 5411	

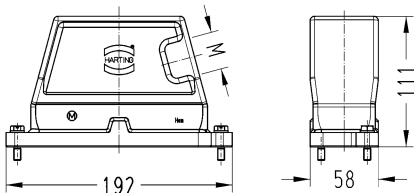
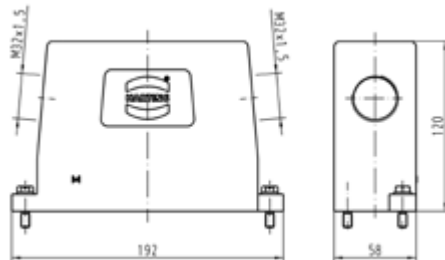
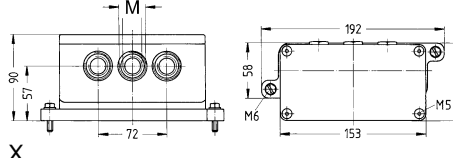
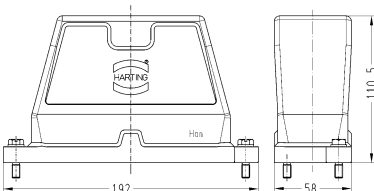
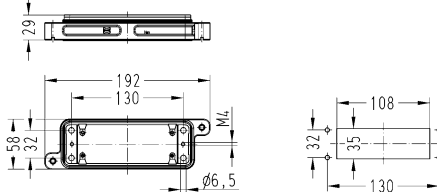
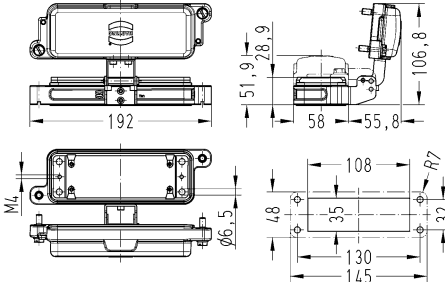
Hoods/housings for harsh outdoor environments
Toggle locking

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Hoods, Top entry 	1x M32 1x M63	19 40 024 0402 19 40 024 0410	
Han® HPR , Hoods, Side entry 	1x M40	19 40 024 0503	
Han® HPR , Bulkhead mounted housings 		09 40 024 0301	
Han® HPR , Protection cover for hoods, Metal 		09 40 024 5404	

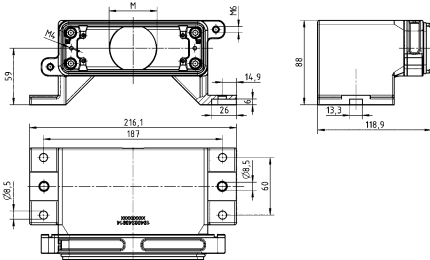
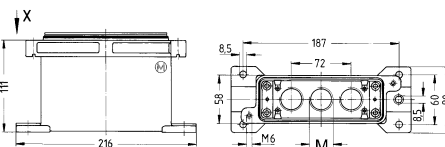
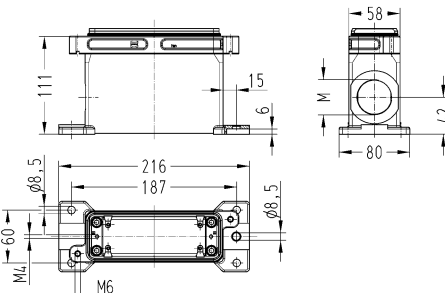
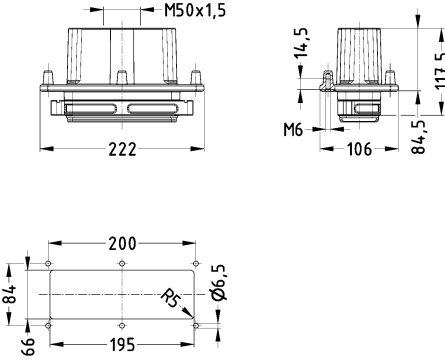
Housings

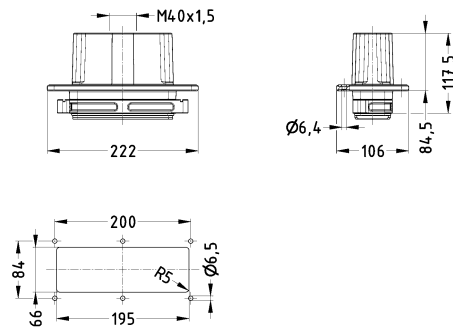
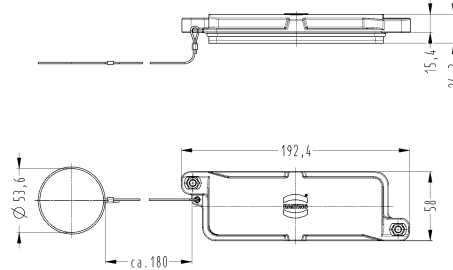
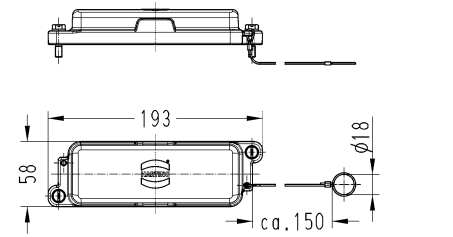
Hoods/housings for harsh outdoor environments
Screw locking

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Hoods, Top entry 	1x M32 1x M40 1x M50 2x M25 2x M32 2x M40 3x M25 3x M25, 1x M20 4x M20 4x M25	19 40 024 0412 19 40 024 0413 19 40 024 0414 19 40 024 0431 19 40 024 0432 19 40 024 0433 19 40 024 0461 19 40 024 0471 19 40 024 0473 19 40 024 0474	
Han® HPR , Hoods, Top entry, High construction 	1x M50 3x M32 4x M25	19 40 024 0419 19 40 024 0467 19 40 024 0477	
Han® HPR , Hoods, Special type, Top entry 	1x M63	19 40 024 0420	
Han® HPR , Hoods, With adapter, Top entry 	2x M40	19 40 024 0438	

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Hoods, Side entry 	1x M32 1x M40 1x M50	19 40 024 0512 19 40 024 0513 19 40 024 0514	
Han® HPR , Hoods, Side entry, High construction 	2x M32	19 40 024 0537	
Han® HPR , Hoods, Special type, Angled entry 	3x M25	19 40 024 0631	
Han® HPR , Hoods, Without cable entry 		09 40 024 0811	
Han® HPR , Bulkhead mounted housings 		09 40 024 0311	
Han® HPR , Bulkhead mounted housings, With metal cover 		09 40 024 0317	

Housings

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Surface mounted housing, Horizontal version, Top entry 	1x M50 2x M32 3x M25 3x M25, 1x M20 4x M25	19 40 024 0914 19 40 024 0925 19 40 024 0931 19 40 024 0971 19 40 024 0941	
Han® HPR , Surface mounted housing, Top entry 	3x M25 3x M25, 1x M20 4x M25	19 40 024 1231 19 40 024 1271 19 40 024 1242	
Han® HPR , Surface mounted housing, Side entry 	1x M40 2x M40 2x M50	19 40 024 1263 19 40 024 1273 19 40 024 1274	
Han® HPR , Panel feed through housing, for mounting from inside, Top entry 	1x M40 1x M50	19 40 024 1113 19 40 024 1114	

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han® HPR , Panel feed through housing, for mounting from outside, Top entry 	1x M40 1x M50 2x M32	19 40 024 1118 19 40 024 1119 19 40 024 1135	
Han® HPR , Protection cover for hoods, Metal 		09 40 024 5414	
Han® HPR , Protection cover for bulkhead and cable to cable housing 		09 40 024 5411	

Features

- Hoods/housings for harsh environments
- Extremely resistant to chemicals and other aggressive influences
- Made completely from high-quality stainless steel
- Extremely resistant to corrosion

Technical characteristics

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC 60529	IP67, IP44, IP65, With seal screw 09 20 000 9918
Degree of protection acc. to UL 50	4, 4X, 12
Material (hood/housing)	Stainless steel
Surface (hood/housing)	Electrical conductive
Colour (hood/housing)	Unpainted
Material (seal)	NBR
Material (locking)	Stainless steel

Specifications and approvals



Hoods/housings for harsh environments
Single locking lever

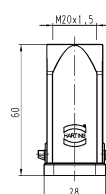
Identification	Cable entry	Part number	Drawing (dimensions in mm)
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Han-INOX®,
Hoods,
Top entry



1x M20

19 44 003 1440

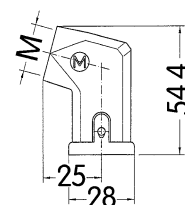
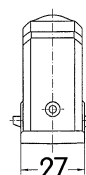


Han-INOX®,
Hoods,
Side entry



1x M20

19 44 003 1640

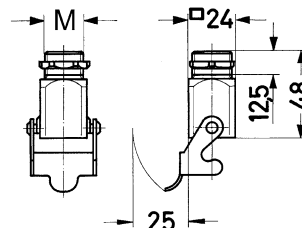


Han-INOX®,
Screw mounted housings,
Top entry,
Pack contents:
1x M20 stainless steel screw nut



1x M20

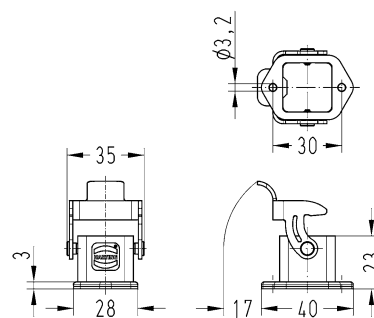
19 44 003 1150



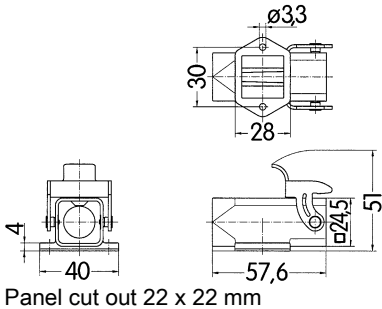
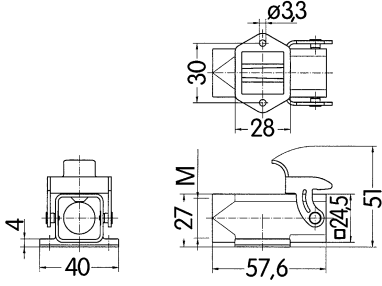
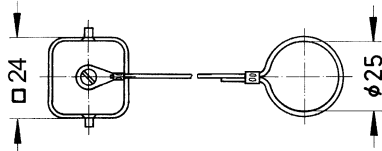
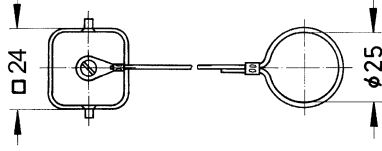
Han-INOX®,
Bulkhead mounted housings,
Straight



19 44 003 0301



Panel cut out 22 x 22 mm

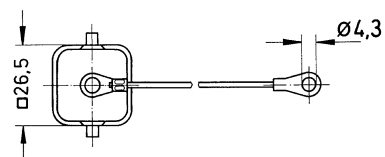
Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han-INOX®, Bulkhead mounted housings, Angled 		19 44 003 0801	
Han-INOX®, Surface mounted housing, Side entry 	1x M20	19 44 003 1250	
Han-INOX®, Cable to cable housing, Top entry 	1x M20	19 44 003 1750	
Han-INOX®, Protection cover for hoods, for mounted female insert or for mounted Han-Brid® insert, Metal, With fixing cord 		19 44 003 5421	
Han-INOX®, Protection cover for hoods, for mounted male insert or for mounted Han-Brid® insert, Metal, With fixing cord 		19 44 003 5422	

Identification	Cable entry	Part number	Drawing (dimensions in mm)
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Han-INOX®,
Protection cover for all housings,
for mounted female insert or for mounted
Han-Brid® insert,
Metal,
With fixing cord



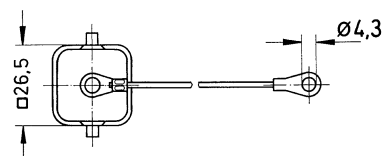
19 44 003 5425



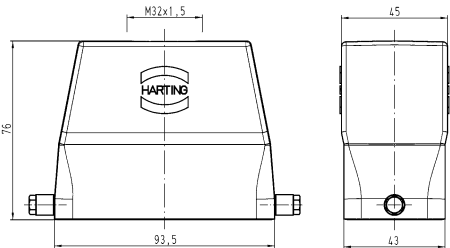
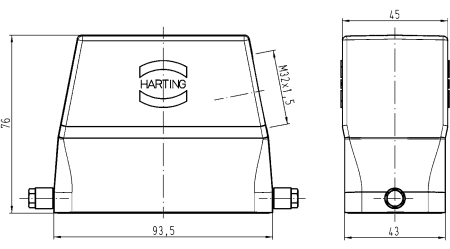
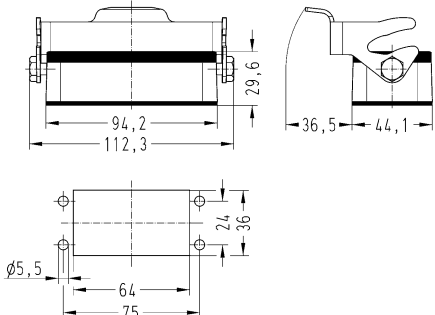
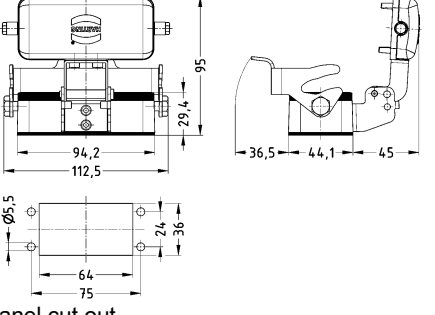
Han-INOX®,
Protection cover for all housings,
for mounted male insert or for mounted
Han-Brid® insert,
Metal,
With fixing cord

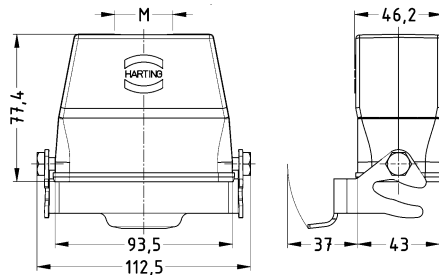
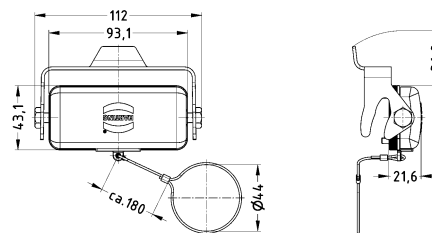
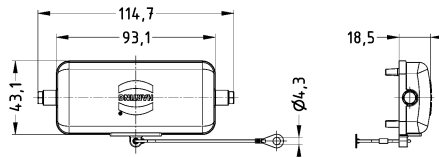


19 44 003 5426



Hoods/housings for harsh environments
Single locking lever

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han-INOX®, Hoods, Top entry 	1x M32	19 44 310 0447	
Han-INOX®, Hoods, Side entry 	1x M32	19 44 310 0547	
Han-INOX®, Bulkhead mounted housings 		19 44 310 0305	 Panel cut out
Han-INOX®, Bulkhead mounted housings, With metal cover 		19 44 310 0303	 Panel cut out

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han-INOX®, Cable to cable housing, Top entry 	1x M32	19 44 310 0757	
Han-INOX®, Protection cover for hoods, Metal, With fixing cord 		19 44 310 5422	
Han-INOX®, Protection cover for all housings, Metal 		19 44 310 5421	
Han-INOX®, Protection cover for all housings, Metal, With fixing cord 		19 44 310 5423	

Technical characteristics

Material (seal) NBR
Colour (seal) Black

Technical characteristics

Material (cable glands) Metal
Material (clamping ring) Polyamide

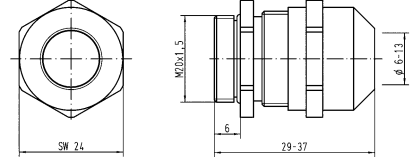
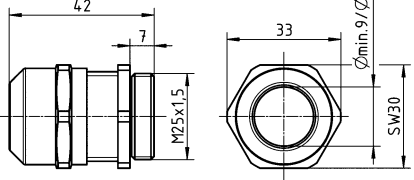
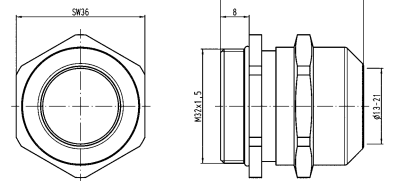
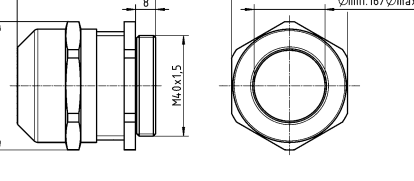
Identification	Size	Clamping range (mm)	Size	Part number	Drawing (dimensions in mm)
Han-INOX®, Flange gasket			10 B	19 44 000 9902	
 Han-INOX®, Cable gland 	M20 M25 M32 M40	6 ... 13 9 ... 17 13 ... 21 16 ... 28		19 44 000 5082 19 44 000 5083 19 44 000 5084 19 44 000 5085	   



Photo courtesy: MAN Diesel & Turbo SE



HARTING Han® Hoods/Housings
for control of marine Diesel engines.