

General description

- High current connector for motor applications in the railway sector
- Robust and compact design
- Easy assembly due to split hood and surface mounted housing
- High EMC resistance
- Large space for cables

Features

- Suitable for extreme environmental conditions
- Many assembly possibilities due to separate assembly panels
- External termination of PE termination on hood and surface mounted housing
- New cable gland for secure and a visible connection of the screening braid of shielded cables.

Technical characteristics

Material	aluminium die-cast
Surface	powder-coated, RAL 9005 (black)
Limiting temperatures	-40 °C ... 125 °C
Locking	screw locking, M6 stainless steel
Frames	3 and 4 contacts for Han® HC Modular 250 stainless steel 3 contacts for Han® HC Modular 350 stainless steel 2 contacts for Han® HC Modular 650 stainless steel
Mounting panels	short and long version stainless steel
Cable gland	special cable gland with self tightening clamp for shielded cables
Degree of protection acc. to EN 60529 in locked position	IP68
Electrical data acc. to DIN EN 61984 for Han® HC Modular 250	
Rated current	250 A
Rated voltage	2000 V
Rated impulse voltage	12 kV
Pollution degree	3
Electrical data acc. to DIN EN 61984 for Han® HC Modular 350	
Rated current	350 A
Rated voltage	4000 V
Rated impulse voltage	18 kV
Pollution degree	3
Electrical data acc. to DIN EN 61984 for Han® HC Modular 650	
Rated current	650 A
Rated voltage	4000 V
Rated impulse voltage	18 kV
Pollution degree	3

Available
June 2017



Identification

Part number

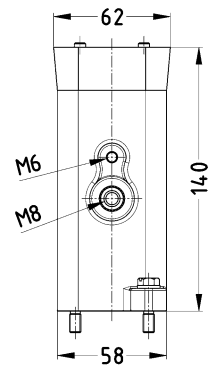
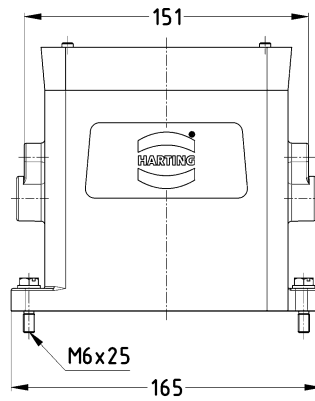
Drawing

Dimensions in mm

Hood



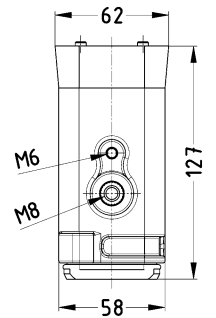
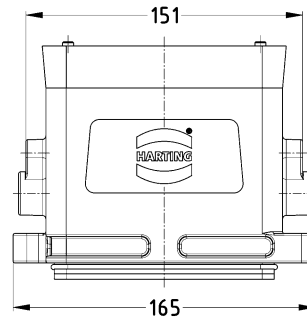
09 40 016 0451




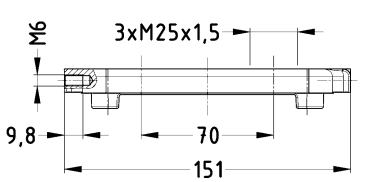
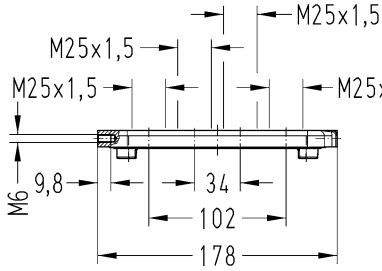
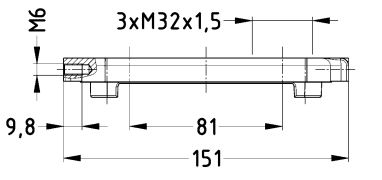




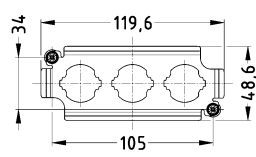
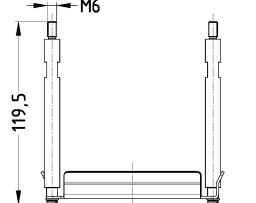
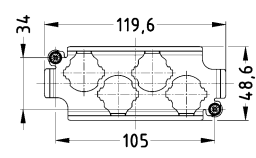
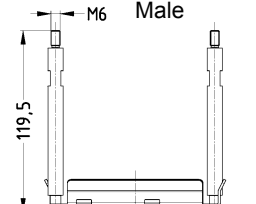


Surface mounted housing



09 40 016 0951



Identification	Part number	Drawing	Dimensions in mm
<p>Covers for Han® 16 HPR EasyCon hood and surface mounted housing</p>  <p>3 x M25</p>  <p>4 x M25</p>  <p>3 x M32</p>	<p>19 40 016 9901</p> <p>19 40 016 9902</p> <p>19 40 016 9903</p>	  	
<p>Frames for 3 x Han® HC Modular 250 in Han® 16 HPR EasyCon hood and surface mounted housing</p>  <p>Male</p>  <p>Female</p> <p>for 4 x Han® HC Modular 250 in Han® 16 HPR EasyCon hood and surface mounted housing</p>  <p>Male</p>  <p>Female</p>	<p>09 40 016 9901</p> <p>09 40 016 9902</p> <p>09 40 016 9903</p> <p>09 40 016 9904</p>	<p>Included in kit: 2 x distance bolt (A/F 7) 2 x M4 screw 2 x washer S4</p>  <p>Male</p>  <p>Female</p> <p>Included in kit: 2 x distance bolt (A/F 7) 2 x M4 screw 2 x washer S4</p>  <p>Male</p>  <p>Female</p>	

Identification	Part number	Drawing	Dimensions in mm
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Mounting panels

for Han® 16 HPR EasyCon
hood and surface mounted housing

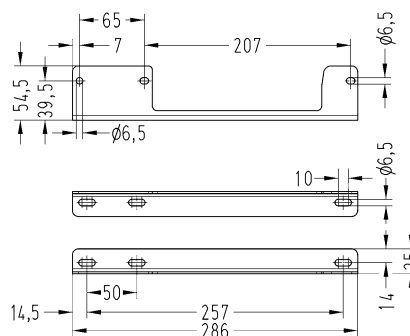
Long version



09 40 000 9925

Included in kit:

6 x washer M6
6 x M6 screw



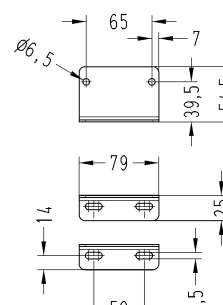
Short version


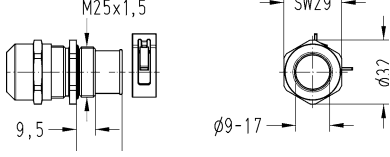

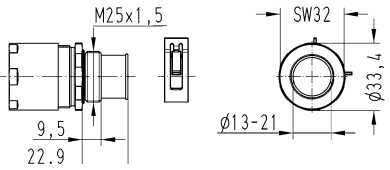

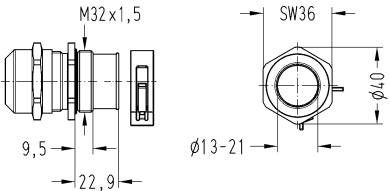

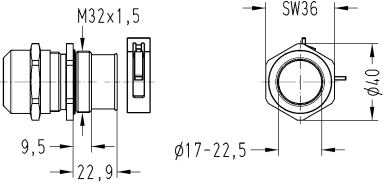

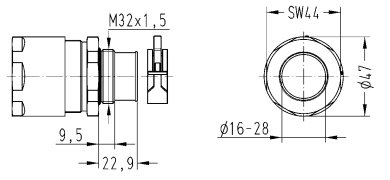



09 40 000 9926

Included in kit:

4 x washer M6
4 x M6 screw



Identification	Part number	Drawing	Dimensions in mm
<p>Cable glands M25</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 25%;">  </div> <div style="width: 25%;"> <p>for cable Ø 9 - 17 mm</p> </div> <div style="width: 25%;"> <p>19 00 000 5013</p> </div> <div style="width: 25%;">  </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 25%;">  </div> <div style="width: 25%;"> <p>for cable Ø 13 - 21 mm</p> </div> <div style="width: 25%;"> <p>19 00 000 5019</p> </div> <div style="width: 25%;">  </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 25%;"> <p>M32</p>  </div> <div style="width: 25%;"> <p>for cable Ø 13 - 21 mm</p> </div> <div style="width: 25%;"> <p>19 00 000 5014</p> </div> <div style="width: 25%;">  </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 25%;">  </div> <div style="width: 25%;"> <p>for cable Ø 17 - 22.5 mm</p> </div> <div style="width: 25%;"> <p>19 00 000 5015</p> </div> <div style="width: 25%;">  </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 25%;">  </div> <div style="width: 25%;"> <p>for cable Ø 16 - 28 mm</p> </div> <div style="width: 25%;"> <p>19 00 000 5022</p> </div> <div style="width: 25%;">  </div> </div>			
<p>Assembly tool for shield brackets</p> 	<p>09 99 000 0334</p>		