

## Accessories

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Number of contacts

# 9-50



## D-Sub adaptor for Han A® hood/housing

Identification	D-Sub size	Han A housing size	Part No.	Drawing	Dimensions in mm									
Plastic adaptor for 1 x D-Sub <sup>1)</sup>	9	10 A	<b>09 20 000 9932</b>											
	15	10 A	<b>09 20 000 9928</b>											
	25	10 A	<b>09 20 000 9929</b>		<table border="1"> <thead> <tr> <th>Size</th> <th>D-Sub</th> <th>c</th> </tr> </thead> <tbody> <tr> <td>10 A</td> <td>15</td> <td>33.3</td> </tr> <tr> <td>10 A</td> <td>25</td> <td>47</td> </tr> </tbody> </table>	Size	D-Sub	c	10 A	15	33.3	10 A	25	47
	Size	D-Sub	c											
10 A	15	33.3												
10 A	25	47												
50	16 A	<b>09 20 000 9931</b>												
Metal adaptor for 1 x D-Sub <sup>1)</sup>	25	10 A	<b>09 20 000 9925</b>											
	37	16 A	<b>09 20 000 9925</b>											

Delivery comprises:  
1 adaptor  
4 fixing screws for adaptor  
2 fixing screws for D-Sub connector

Delivery comprises:  
2 adaptor  
2 fixing screws for adaptor  
2 fixing screws for D-Sub connector

Accessories

40  
02

<sup>1)</sup> only for Standard D-Sub, not for HD D-Sub

Stock items in bold type

Number of contacts

# 9-50



## D-Sub adaptor for Han® B hood/housing

Identification	D-Sub size	Han B housing size	Part No.	Drawing	Dimensions in mm																															
<b>Plastic adaptor</b> for 1 x D-Sub <sup>1)</sup>	9	6 B	<b>09 30 000 9965</b>	<p>Mounting in housing Character "A" visible</p> <p>Mounting in hood Character "T" visible</p> <table border="1"> <thead> <tr> <th>Size</th> <th>D-Sub</th> <th>a</th> <th>b</th> <th>c</th> </tr> </thead> <tbody> <tr> <td>6 B</td> <td>9</td> <td>44</td> <td>51.5</td> <td>25</td> </tr> <tr> <td>6 B</td> <td>15</td> <td>44</td> <td>51.5</td> <td>33.3</td> </tr> <tr> <td>10 B</td> <td>25</td> <td>57</td> <td>64.5</td> <td>47</td> </tr> <tr> <td>16 B</td> <td>37</td> <td>77.5</td> <td>85</td> <td>63.5</td> </tr> <tr> <td>16 B</td> <td>50</td> <td>77.5</td> <td>85</td> <td>61.1</td> </tr> </tbody> </table>	Size	D-Sub	a	b	c	6 B	9	44	51.5	25	6 B	15	44	51.5	33.3	10 B	25	57	64.5	47	16 B	37	77.5	85	63.5	16 B	50	77.5	85	61.1		
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15	6 B	<b>09 30 000 9966</b>																																		
25	10 B	<b>09 30 000 9967</b>																																		
37	16 B	<b>09 30 000 9968</b>																																		
50	16 B	<b>09 30 000 9969</b>																																		
Delivery comprises: 1 adaptor 4 fixing screws for adaptor 2 fixing screws for D-Sub connector																																				
<b>Plastic adaptor</b> for 2 x D-Sub <sup>1)</sup>	2 x 9	6 B	<b>09 30 000 9970</b>	<p>Mounting in housing Character "A" visible</p> <p>Mounting in hood Character "T" visible</p> <table border="1"> <thead> <tr> <th>Size</th> <th>D-Sub</th> <th>a</th> <th>b</th> <th>c</th> </tr> </thead> <tbody> <tr> <td>6 B</td> <td>9</td> <td>44</td> <td>51.5</td> <td>25</td> </tr> <tr> <td>6 B</td> <td>15</td> <td>44</td> <td>51.5</td> <td>33.3</td> </tr> <tr> <td>10 B</td> <td>25</td> <td>57</td> <td>64.5</td> <td>47</td> </tr> <tr> <td>16 B</td> <td>37</td> <td>77.5</td> <td>85</td> <td>63.5</td> </tr> <tr> <td>16 B</td> <td>50</td> <td>77.5</td> <td>85</td> <td>61.1</td> </tr> </tbody> </table>	Size	D-Sub	a	b	c	6 B	9	44	51.5	25	6 B	15	44	51.5	33.3	10 B	25	57	64.5	47	16 B	37	77.5	85	63.5	16 B	50	77.5	85	61.1		
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2 x 15	6 B	<b>09 30 000 9971</b>																																		
2 x 25	10 B	<b>09 30 000 9972</b>																																		
2 x 37	16 B	<b>09 30 000 9973</b>																																		
2 x 50	16 B	<b>09 30 000 9974</b>																																		
Delivery comprises: 1 adaptor 4 fixing screws for adaptor 4 fixing screws for D-Sub connector																																				

Accessories

<sup>1)</sup> only for Standard D-Sub, not for HD D-Sub

Stock items in bold type



## Features

- ❑ Compatible with Han® B housings, bulkhead mounting, with 2 levers, standard panel cut out
- ❑ Allows the entry of pre-assembled cables into a switch cabinet
- ❑ IP 54 due to continuous contoured sealing
- ❑ Easy handling
- ❑ No special tools required for assembly
- ❑ Standard screw driver (5 x 1 mm) necessary to open split hood
- ❑ Up to 4 cable entries (3 – 16 mm diameter)
- ❑ High cable density
- ❑ From 10 mm Ø upwards cable tie is available for better strain relief
- ❑ Use of identification strips is possible
- ❑ Little wiring work and high degree of flexibility
- ❑ Manufacturer's guarantee of pre-assembled cables remains valid

## Technical characteristics

### Split hood

Material	Polycarbonate
Flammability acc. to UL 94	V 0
Limiting temperatures	- 40 °C / + 125 °C
Cable entries	3, 4
Degree of protection in locked position with correct grommet	IP 54 <sup>1)</sup>
Max. cable diameter	3 – 16 mm
Locking cycles of bulkhead mounted housings	≥ 50
Locking cycles of split hood halves	≥ 10

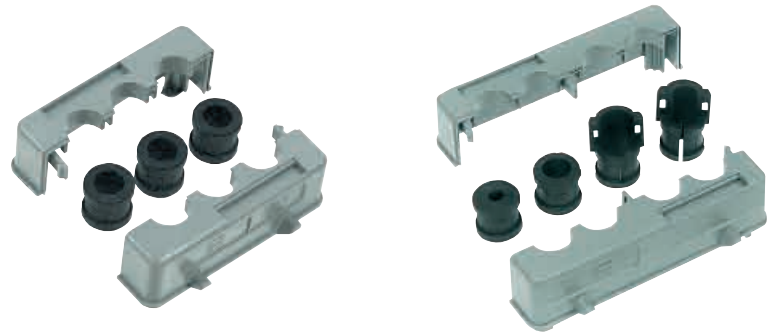
### Cable entry glands

Material	Thermoplastic rubber, UL listed
Limiting temperatures	- 40 °C / + 125 °C
Colour	black

<sup>1)</sup> when mounted vertically in the longitudinal direction

## Pack contents



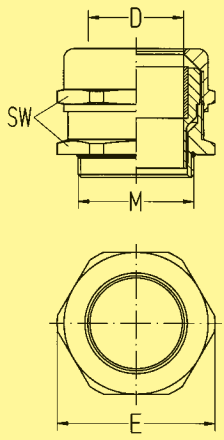
2 split hood halves




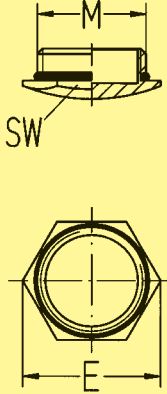

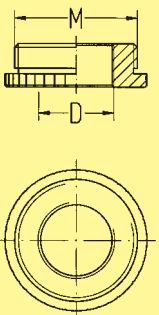

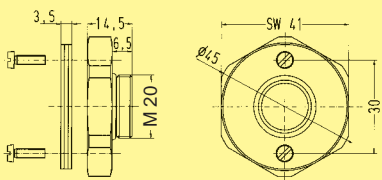

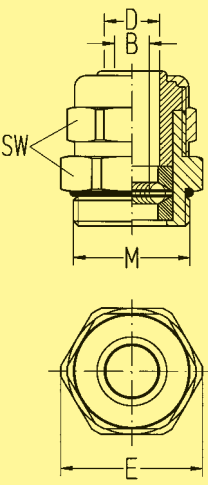
with up to 4 cable entries

Identification	Size	Part No.	Drawing	Dimensions in mm												
<b>Split hood</b> for 3 cable entries for 4 cable entries	16 B 24 B	<b>09 30 016 0408</b> <b>09 30 024 0408</b>														
<b>Housings</b> bulkhead mounting 	16 24	<b>09 30 016 0301</b> <b>09 30 024 0301</b>		<table border="1"> <thead> <tr> <th>Size</th> <th>a</th> <th>b</th> <th>Panel cut out</th> </tr> </thead> <tbody> <tr> <td>16 B</td> <td>103</td> <td>113</td> <td>82 x 35</td> </tr> <tr> <td>24 B</td> <td>130</td> <td>140</td> <td>108 x 35</td> </tr> </tbody> </table>	Size	a	b	Panel cut out	16 B	103	113	82 x 35	24 B	130	140	108 x 35
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24 B	130	140	108 x 35													
Identification	Suitable cable Ø	Part No.	Drawing	Dimensions in mm												
<b>Cable entry gland</b> order separately  from Ø 10 mm upwards additional strain relief can be provided by cable ties (max. width 8 mm)  for ASI cable	3- 4 4- 5 5- 6 6- 7 7- 8 8- 9 9-10  10-11 11-12 12-13 13-14 14-15 15-16  —	<b>09 00 000 5351</b> <b>09 00 000 5352</b> <b>09 00 000 5353</b> <b>09 00 000 5354</b> <b>09 00 000 5355</b> <b>09 00 000 5356</b> <b>09 00 000 5357</b>  <b>09 00 000 5358</b> <b>09 00 000 5359</b> <b>09 00 000 5360</b> <b>09 00 000 5361</b> <b>09 00 000 5362</b> <b>09 00 000 5363</b>  09 00 000 5364														
<b>Blind grommet</b>	—	<b>09 00 000 5350</b>														
<b>Identification strips</b> order separately  9 mm wide 20 mm long  20 pieces in one block	—	<b>09 33 000 9982</b>														


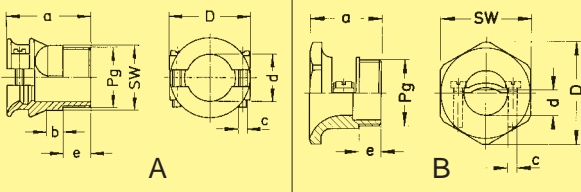

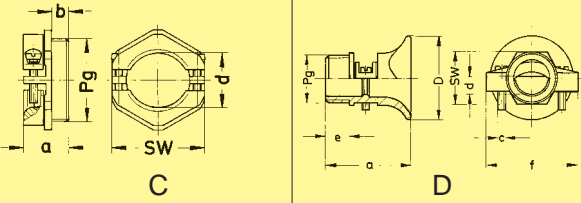

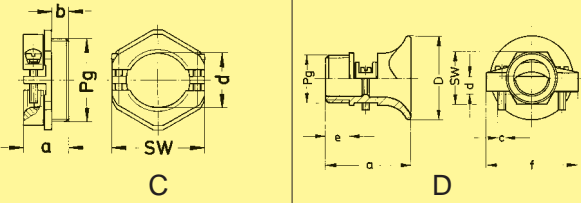

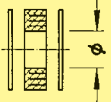
Accessories

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<b>Cable gland for metric cable entries (IP 68)</b>  Metal    Thermoplastic, white  		<table border="1"> <thead> <tr> <th>thread M</th> <th>cable diameter D</th> <th>SW</th> <th>E</th> <th>Nm</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>5 - 9 mm</td> <td>22</td> <td>24.4</td> <td>10</td> </tr> <tr> <td>20</td> <td>6 - 12 mm</td> <td>22</td> <td>24.4</td> <td>10</td> </tr> <tr> <td>20</td> <td>10 - 14 mm</td> <td>24</td> <td>26.5</td> <td>10</td> </tr> <tr> <td>25</td> <td>9 - 16 mm</td> <td>30</td> <td>33.5</td> <td>15</td> </tr> <tr> <td>25</td> <td>13 - 18 mm</td> <td>30</td> <td>33.5</td> <td>15</td> </tr> <tr> <td>32</td> <td>13 - 20 mm</td> <td>40</td> <td>44</td> <td>15</td> </tr> <tr> <td>32</td> <td>18 - 25 mm</td> <td>40</td> <td>44</td> <td>15</td> </tr> <tr> <td>40</td> <td>20 - 26 mm</td> <td>50</td> <td>55</td> <td>20</td> </tr> <tr> <td>40</td> <td>22 - 32 mm</td> <td>50</td> <td>55</td> <td>20</td> </tr> <tr> <td>20</td> <td>5 - 9 mm</td> <td>24</td> <td>26.4</td> <td>8</td> </tr> <tr> <td>20</td> <td>6 - 12 mm</td> <td>24</td> <td>26.4</td> <td>8</td> </tr> <tr> <td>20</td> <td>10 - 14 mm</td> <td>27</td> <td>29.8</td> <td>10</td> </tr> <tr> <td>25</td> <td>9 - 16 mm</td> <td>33</td> <td>36.5</td> <td>12</td> </tr> <tr> <td>25</td> <td>13 - 18 mm</td> <td>33</td> <td>36.5</td> <td>12</td> </tr> <tr> <td>32</td> <td>13 - 20 mm</td> <td>42</td> <td>46.8</td> <td>15</td> </tr> <tr> <td>32</td> <td>18 - 25 mm</td> <td>42</td> <td>46.8</td> <td>15</td> </tr> <tr> <td>40</td> <td>20 - 26 mm</td> <td>53</td> <td>58.8</td> <td>15</td> </tr> <tr> <td>40</td> <td>22 - 32 mm</td> <td>53</td> <td>58.8</td> <td>15</td> </tr> </tbody> </table>	thread M	cable diameter D	SW	E	Nm	20	5 - 9 mm	22	24.4	10	20	6 - 12 mm	22	24.4	10	20	10 - 14 mm	24	26.5	10	25	9 - 16 mm	30	33.5	15	25	13 - 18 mm	30	33.5	15	32	13 - 20 mm	40	44	15	32	18 - 25 mm	40	44	15	40	20 - 26 mm	50	55	20	40	22 - 32 mm	50	55	20	20	5 - 9 mm	24	26.4	8	20	6 - 12 mm	24	26.4	8	20	10 - 14 mm	27	29.8	10	25	9 - 16 mm	33	36.5	12	25	13 - 18 mm	33	36.5	12	32	13 - 20 mm	42	46.8	15	32	18 - 25 mm	42	46.8	15	40	20 - 26 mm	53	58.8	15	40	22 - 32 mm	53	58.8	15	
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Blanking piece for metric cable entries  Metal 	19 00 000 5070 19 00 000 5071 19 00 000 5072 19 00 000 5073	<table border="1"> <thead> <tr> <th>thread M</th> <th>SW</th> <th>E</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>20</td> <td>25,4</td> </tr> <tr> <td>25</td> <td>22</td> <td>32,3</td> </tr> <tr> <td>32</td> <td>24</td> <td>40,4</td> </tr> <tr> <td>40</td> <td>30</td> <td>50,8</td> </tr> </tbody> </table>	thread M	SW	E	20	20	25,4	25	22	32,3	32	24	40,4	40	30	50,8																																																																			
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Reducers for metric cable entries  Metal 	19 00 000 5060 19 00 000 5067 19 00 000 5068	<table border="1"> <thead> <tr> <th colspan="2">thread</th> </tr> <tr> <th>D</th> <th>M</th> </tr> </thead> <tbody> <tr> <td>16</td> <td>20</td> </tr> <tr> <td>20</td> <td>32</td> </tr> <tr> <td>25</td> <td>32</td> </tr> </tbody> </table>	thread		D	M	16	20	20	32	25	32																																																																								
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EMC clamp for metric cable entries (IP 68) 	19 62 000 5080 19 62 000 5081 19 62 000 5082 19 62 000 5084  19 62 000 5090 19 62 000 5092  19 62 000 5094 19 62 000 5096  19 62 000 5097 19 62 000 5098	<table border="1"> <thead> <tr> <th rowspan="2">thread M</th> <th colspan="2">cable-Ø D</th> <th colspan="2">shield-Ø B</th> <th rowspan="2">SW</th> <th rowspan="2">E</th> </tr> <tr> <th>min.</th> <th>max.</th> <th>min.</th> <th>max.</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>6,5</td> <td>9,5</td> <td>3,5</td> <td>8,5</td> <td>22</td> <td>24,4</td> </tr> <tr> <td>20</td> <td>4,0</td> <td>6,5</td> <td>2,5</td> <td>6,5</td> <td>22</td> <td>24,4</td> </tr> <tr> <td>20</td> <td>7</td> <td>10,5</td> <td>6,5</td> <td>10,5</td> <td>22</td> <td>24,4</td> </tr> <tr> <td>20</td> <td>9</td> <td>13</td> <td>6,5</td> <td>10,5</td> <td>22</td> <td>24,4</td> </tr> <tr> <td>25</td> <td>6,5</td> <td>9,5</td> <td>3</td> <td>8</td> <td>28</td> <td>31,2</td> </tr> <tr> <td>25</td> <td>9</td> <td>13</td> <td>4,8</td> <td>8</td> <td>28</td> <td>31,2</td> </tr> <tr> <td>32</td> <td>11,5</td> <td>15,5</td> <td>8</td> <td>13,5</td> <td>35</td> <td>38,5</td> </tr> <tr> <td>32</td> <td>14</td> <td>18</td> <td>9</td> <td>14,5</td> <td>35</td> <td>38,5</td> </tr> <tr> <td>40</td> <td>17</td> <td>20,5</td> <td>15</td> <td>20</td> <td>43</td> <td>47,3</td> </tr> <tr> <td>40</td> <td>20</td> <td>25</td> <td>15</td> <td>20</td> <td>43</td> <td>47,3</td> </tr> </tbody> </table>	thread M	cable-Ø D		shield-Ø B		SW	E	min.	max.	min.	max.	20	6,5	9,5	3,5	8,5	22	24,4	20	4,0	6,5	2,5	6,5	22	24,4	20	7	10,5	6,5	10,5	22	24,4	20	9	13	6,5	10,5	22	24,4	25	6,5	9,5	3	8	28	31,2	25	9	13	4,8	8	28	31,2	32	11,5	15,5	8	13,5	35	38,5	32	14	18	9	14,5	35	38,5	40	17	20,5	15	20	43	47,3	40	20	25	15	20	43	47,3	
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40	17	20,5	15	20	43	47,3																																																																														
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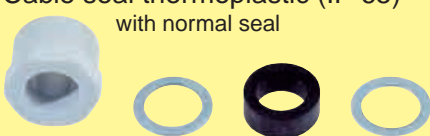
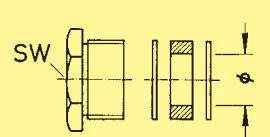

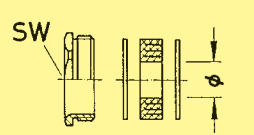




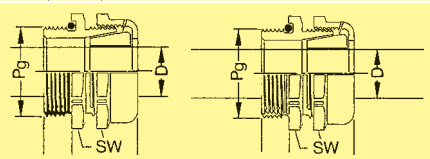
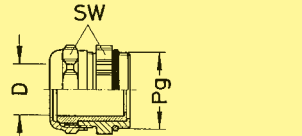
Accessories

Identification	Part No.	Pg	Drawing	Dimensions in mm															
<p><b>Special cable clamp</b> metal, with bell-mouth cable fitting and strain relief</p> <p>for Standard Hoods/Housings</p>  <p>Style A Style B Style B Style A Style A</p>	<p><b>09 00 000 5101</b> <b>09 00 000 5102</b> <b>09 00 000 5103</b> <b>09 00 000 5104</b> <b>09 00 000 5106</b></p>	<p>11 13.5 16 21 29</p>																	
<p><b>Special cable clamp</b> brass, with strain relief</p>  <p>Style C Style C</p>	<p><b>09 00 000 5196</b> <b>09 00 000 5197</b></p>	<p>36 42</p>																	
<p><b>Special cable clamp</b> thermoplastic, with bell-mouth cable fitting and strain relief</p>  <p>Style D Style D Style D Style D Style D Style D</p>	<p><b>09 00 000 5165</b> 09 00 000 5166 09 00 000 5167 09 00 000 5168 09 00 000 5169 09 00 000 5170</p>	<p>11 13.5 16 21 29 36</p>																	
<p><b>Multiple seal</b></p> 	<p><b>09 00 000 5027</b> <b>09 00 000 5028</b> <b>09 00 000 5029</b> <b>09 00 000 5030</b> <b>09 00 000 5031</b> 09 00 000 5032</p>	<p>11 13.5 16 21 29 36</p>		<table border="1"> <thead> <tr> <th rowspan="2">cable ø</th> <th colspan="2">min. max.</th> </tr> </thead> <tbody> <tr> <td>6,5</td> <td>12</td> </tr> <tr> <td>6,5</td> <td>13,5</td> </tr> <tr> <td>6,5</td> <td>16</td> </tr> <tr> <td>9</td> <td>20</td> </tr> <tr> <td>17</td> <td>28</td> </tr> <tr> <td>23</td> <td>34</td> </tr> </tbody> </table>	cable ø	min. max.		6,5	12	6,5	13,5	6,5	16	9	20	17	28	23	34
cable ø	min. max.																		
	6,5	12																	
6,5	13,5																		
6,5	16																		
9	20																		
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23	34																		


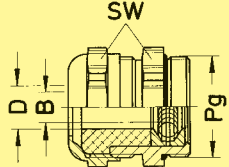
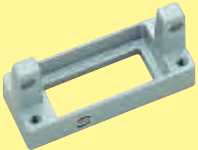
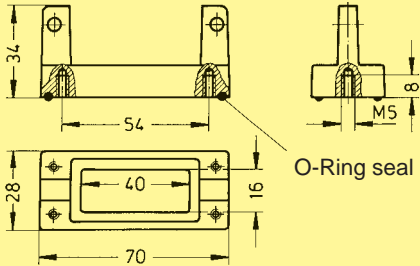
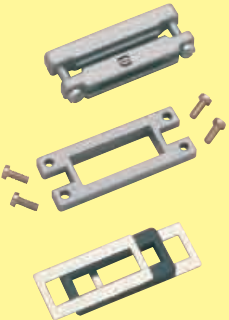
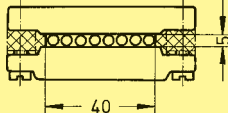
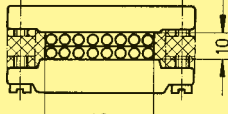
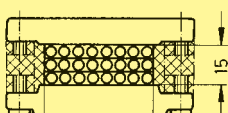
Style	PG	SW	a	c	d		D	e	f
					min.	max.			
A	11	19	26.6	M3	6	11	23	9	—
A	13.5	22	31	M3	9	14	28	10	—
A	16	24	33	M4	10	16	30	9.5	—
A	21	30	39.5	M4	13.5	21	37	12	—
A	29	41	49	M5	19	29	50	13	—
B	13.5	28	22	M3	9	14	31.5	6.5	—
B	16	30	23	M3	10	16	33.5	6.5	—
C	36	52	25.3	—	25	37	—	9.5	—
C	42	59	26.3	—	31	43	—	10	—
D	11	19	35	M3	6	11	33	9	35
D	13.5	22	36.5	M3	7.5	14	36	10	39
D	16	24	40	M4	10	16	38	10	45
D	21	30	47.5	M4	12.5	21	46	12	51
D	29	41	55.5	M5	17	29	60	13	64
D	36	50	62	M5	20.5	36	76	13	72

Accessories




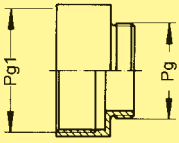

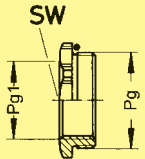

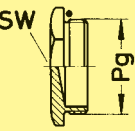
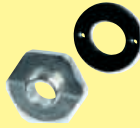
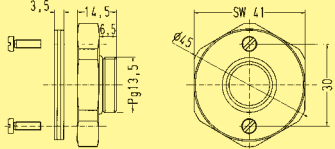
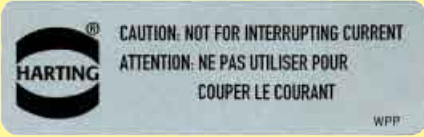
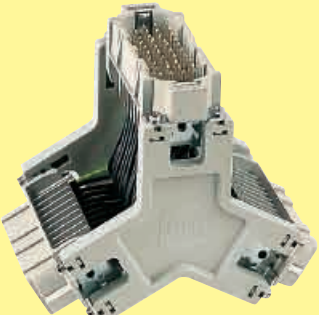
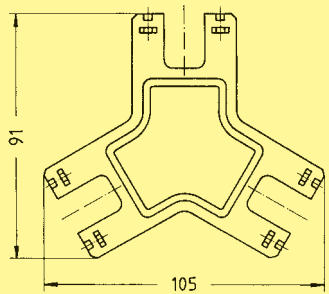
Identification	Part No.	Pg	Drawing	Dimensions in mm
<b>Cable seal thermoplastic (IP 65)</b> with normal seal 	grey <b>09 00 000 5164</b>	11	SW   cable ø min.   max. 19   10   12	
	black 09 00 000 5185	11	19   10   12	
<b>Cable seal metal (IP 65)</b> with multiple seal 	<b>09 00 000 5013</b>	11	SW   cable ø min.   max. 18   6.5   12	
	<b>09 00 000 5014</b>	13.5	20   6.5   13.5	
	<b>09 00 000 5015</b>	16	22   6.5   16	
	<b>09 00 000 5016</b>	21	28   9   20	
	<b>09 00 000 5017</b>	29	37   17   28	
	09 00 000 5018	36	47   23   34	
	09 00 000 5019	42	54   29   40	
	<b>Universal cable gland PG (IP 68)</b> for PG cable entry 	09 00 000 5080	11	
<b>09 00 000 5081</b>		11	black   20   6.5   9.5	
<b>09 00 000 5082</b>		11	green   20   7   10.5	
<b>09 00 000 5083</b>		13.5	black   22   6.5   9.5	
<b>09 00 000 5084</b>		13.5	green   22   7   10.5	
09 00 000 5085		13.5	red   22   9   13	
<b>09 00 000 5086</b>		16	black   24   6   9.5	
09 00 000 5087		16	green   24   7   10.5	
<b>09 00 000 5088</b>		16	red   24   9   13	
<b>09 00 000 5089</b>		16	white   24   11.5   15.5	
<b>09 00 000 5090</b>		21	green   30   7   10.5	
<b>09 00 000 5091</b>		21	red   30   9   13	
<b>09 00 000 5092</b>		21	white   30   11.5   15.5	
<b>09 00 000 5093</b>		21	blue   30   14   18	
<b>09 00 000 5094</b>		29	blue   40   14   18	
<b>09 00 000 5095</b>		29	brown   40   17   21	
<b>09 00 000 5096</b>		29	orange   40   20   25	
<b>09 00 000 5097</b>		29	light yellow   40   24   28	
09 00 000 5098		36	light blue   50   29   34	
09 00 000 5099		36	pink   50   32   36	
<b>Cable gland</b> Metal  Thermoplastic  Thermoplastic 	09 00 000 5183	11	SW   cable ø D min.   max. 21   7   12	 
	09 00 000 5182	11	24   7   12	
	<b>09 00 000 5153</b>	21	33   13   18	

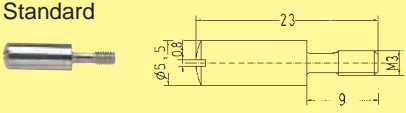
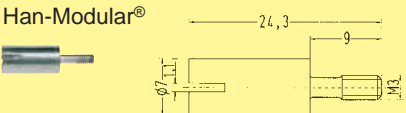
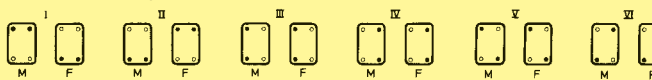
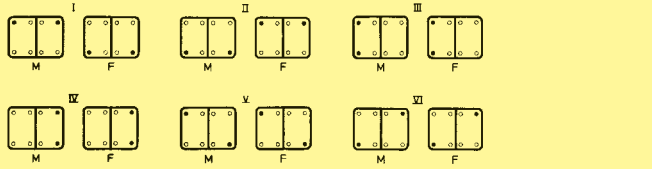
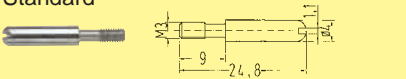
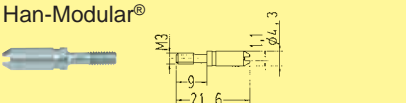
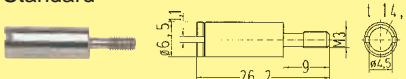
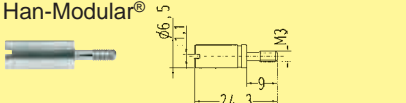
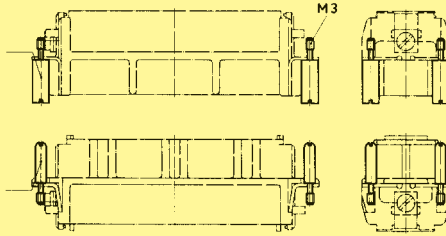
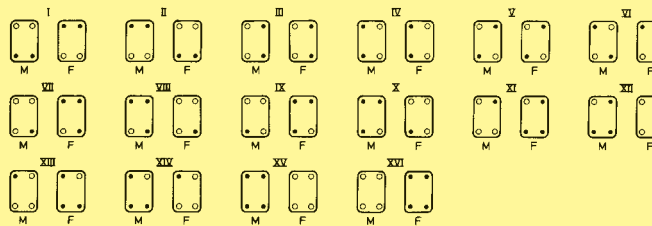
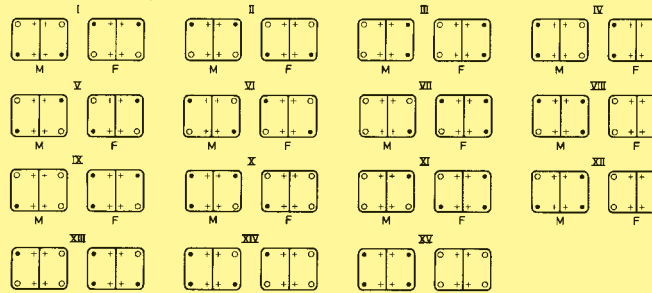


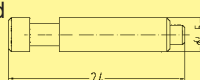

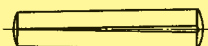
Accessories

Identification	Part No.	Pg	Drawing	Dimensions in mm																																																																																																
<b>EMC clamp (IP 68)</b> 	09 62 000 5023	11	<table border="1"> <thead> <tr> <th rowspan="2">SW</th> <th colspan="2">Shield Ø B</th> <th colspan="2">cable Ø D</th> </tr> <tr> <th>min.</th> <th>max.</th> <th>min.</th> <th>max.</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>2.5</td> <td>6.5</td> <td>4</td> <td>6.5</td> </tr> <tr> <td><b>20</b></td> <td><b>3.5</b></td> <td><b>8.5</b></td> <td><b>6.5</b></td> <td><b>8.5</b></td> </tr> <tr> <td><b>22</b></td> <td><b>6.5</b></td> <td><b>10.5</b></td> <td><b>8</b></td> <td><b>10.5</b></td> </tr> <tr> <td>09 62 000 5003</td> <td>13.5</td> <td>22</td> <td>2.5</td> <td>6.5</td> <td>6.5</td> <td>9.5</td> </tr> <tr> <td>09 62 000 5004</td> <td>13.5</td> <td>22</td> <td>6.5</td> <td>10.5</td> <td>9</td> <td>13</td> </tr> <tr> <td><b>09 62 000 5005</b></td> <td>16</td> <td>24</td> <td>3.5</td> <td>8</td> <td>6.5</td> <td>9.5</td> </tr> <tr> <td><b>09 62 000 5006</b></td> <td>16</td> <td>24</td> <td>4.5</td> <td>8</td> <td>9</td> <td>13</td> </tr> <tr> <td><b>09 62 000 5007</b></td> <td>21</td> <td>30</td> <td>9.5</td> <td>13.5</td> <td>11.5</td> <td>15.5</td> </tr> <tr> <td><b>09 62 000 5008</b></td> <td>21</td> <td>30</td> <td>10.5</td> <td>14.5</td> <td>14</td> <td>18</td> </tr> <tr> <td><b>09 62 000 5009</b></td> <td>29</td> <td>40</td> <td>15</td> <td>20</td> <td>17</td> <td>20.5</td> </tr> <tr> <td><b>09 62 000 5010</b></td> <td>29</td> <td>40</td> <td>15</td> <td>20</td> <td>20</td> <td>25</td> </tr> <tr> <td>09 62 000 5011</td> <td>36</td> <td>50</td> <td>18</td> <td>25.5</td> <td>24</td> <td>28</td> </tr> <tr> <td>09 62 000 5012</td> <td>36</td> <td>50</td> <td>24</td> <td>31</td> <td>27</td> <td>32</td> </tr> </tbody> </table> 	SW	Shield Ø B		cable Ø D		min.	max.	min.	max.	20	2.5	6.5	4	6.5	<b>20</b>	<b>3.5</b>	<b>8.5</b>	<b>6.5</b>	<b>8.5</b>	<b>22</b>	<b>6.5</b>	<b>10.5</b>	<b>8</b>	<b>10.5</b>	09 62 000 5003	13.5	22	2.5	6.5	6.5	9.5	09 62 000 5004	13.5	22	6.5	10.5	9	13	<b>09 62 000 5005</b>	16	24	3.5	8	6.5	9.5	<b>09 62 000 5006</b>	16	24	4.5	8	9	13	<b>09 62 000 5007</b>	21	30	9.5	13.5	11.5	15.5	<b>09 62 000 5008</b>	21	30	10.5	14.5	14	18	<b>09 62 000 5009</b>	29	40	15	20	17	20.5	<b>09 62 000 5010</b>	29	40	15	20	20	25	09 62 000 5011	36	50	18	25.5	24	28	09 62 000 5012	36	50	24	31	27	32			
	SW	Shield Ø B			cable Ø D																																																																																															
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	09 62 000 5003	13.5		22	2.5	6.5	6.5	9.5																																																																																												
	09 62 000 5004	13.5		22	6.5	10.5	9	13																																																																																												
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	<b>09 62 000 5006</b>	16		24	4.5	8	9	13																																																																																												
	<b>09 62 000 5007</b>	21		30	9.5	13.5	11.5	15.5																																																																																												
	<b>09 62 000 5008</b>	21		30	10.5	14.5	14	18																																																																																												
	<b>09 62 000 5009</b>	29		40	15	20	17	20.5																																																																																												
<b>09 62 000 5010</b>	29	40	15	20	20	25																																																																																														
09 62 000 5011	36	50	18	25.5	24	28																																																																																														
09 62 000 5012	36	50	24	31	27	32																																																																																														
<b>Bracket for flat cable for separate mounting</b> 	09 00 000 5325																																																																																																			
<b>Set of seals with strain relief clamp</b> 	for 1 flat cable 09 00 000 5315	—																																																																																																		
	for 2 flat cables 09 00 000 5316	—																																																																																																		
	for 3 flat cables 09 00 000 5317	—																																																																																																		

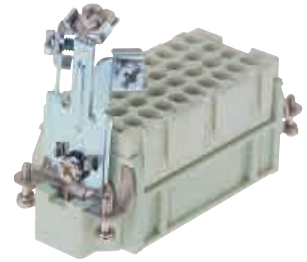
Stock items in bold type

Accessories

Identification	Part No.	Pg	Drawing	Dimensions in mm
<b>Increasers</b> metal 	09 00 000 5050	11	Pg1	
	09 00 000 5051	13.5	13.5	
	09 00 000 5052	16	16	
	<b>09 00 000 5053</b>	21	21	
	<b>09 00 000 5054</b>	29	29	
	09 00 000 5055	36	36	
	09 00 000 5056	42	42	
<b>Reducers</b> metal 	09 00 000 5060	11	Pg1 SW	
	<b>09 00 000 5061</b>	11	7 20	
	09 00 000 5062	13.5	9 20	
	<b>09 00 000 5063</b>	13.5	9 22	
	<b>09 00 000 5064</b>	16	11 22	
	<b>09 00 000 5065</b>	21	13.5 24	
	<b>09 00 000 5066</b>	21	13.5 30	
	<b>09 00 000 5067</b>	29	16 30	
	<b>09 00 000 5068</b>	29	16 40	
<b>Blanking piece</b> metal 	09 00 000 5070	11	SW	
	09 00 000 5071	13.5	20	
	<b>09 00 000 5072</b>	16	22	
	<b>09 00 000 5073</b>	21	24	
	<b>09 00 000 5074</b>	29	30	
	<b>09 00 000 5075</b>	36	40	
			50	
<b>Adapter Han® 3 A</b> for motor connection 	<b>09 20 000 9962</b>	13.5		
<b>Label according to CSA-approval</b> 	09 30 000 9958		When supplying connectors for use at more than 30 V subject to CSA-approval we recommend that the label is fixed in close proximity to the installed connectors.  Dimensions: 56 x 18 mm  Part No. comprises 50 labels per sheet	
<b>Assembly plates</b> for custom test adapters  Mounting example: 	09 38 000 9901			

Identification	Part No.	Drawing	Dimensions in mm
<p><b>Coding system with code pins</b></p> <p>Standard  </p> <p>Han-Modular®  </p>	<p><b>09 30 000 9901<sup>1)</sup></b></p> <p><b>09 14 000 9901<sup>1)</sup></b></p>	<p>for hoods/housings with one insert/one frame</p>  <p>for hoods/housings with two inserts/two frames</p>  <p>● Code pins ○ Normal mounting screw</p> <p>M – Male connector F – Female connector</p>	
<p><b>Coding system with guide pins and bushes</b></p> <p>Guide pin</p> <p>Standard  </p> <p>Han-Modular®  </p> <p>Bush</p> <p>Standard  </p> <p>Han-Modular®  </p>	<p><b>09 33 000 9908<sup>1)</sup></b></p> <p><b>09 14 000 9908<sup>1)</sup></b></p> <p><b>09 33 000 9909<sup>1)</sup></b></p> <p><b>09 14 000 9909<sup>1)</sup></b></p>	<p>This system is used to guard against angled coupling and decoupling of the connector. The maximum permitted angle according to DIN EN 175301-801 is <math>\pm 5^\circ</math> (longitudinally).</p>  <p>09 33 000 9909</p> <p>09 33 000 9908</p> <p>for hoods/housings with one insert/one frame</p>  <p>for hoods/housings with two inserts/two frames</p>  <p>● Guide pin ○ Bush + Normal mounting screw</p> <p>M – Male connector F – Female connector</p>	
<p>Accessories</p> <p><sup>1)</sup> Order 4 pieces for one connector</p>			
<p><b>Coding Pin</b> for Han E®, Han® EE Han® Q 5/0, Han® Q 8/0</p> 	<p><b>09 33 000 9954</b></p>		<p>Use of the coding pin prevents incorrect mating to other connectors of the same type.</p> <p>The male pin should be omitted from the opposing cavity in the male insert.</p> 
<p><b>Coding system with loss of contact</b> for Han D®, Han DD®</p> 	<p><b>09 33 000 9915</b></p>	<p>Use of the coding pin prevents incorrect mating to other connectors of the same type.</p> <p>The male pin should be omitted from the opposing cavity in the male insert.</p> 	

3 x



Multiple ground connection

Identification	Part No.	Drawing	Dimensions in mm
PE-Multiple ground connection	<b>09 33 000 9992</b>		

Features

- 3 PE-terminations
- Screws with ± head
- Self lifting washer
- Suitable for use with all inserts of the Han® 6 B to 24 B size (except Han® ESS-inserts)
- Suitable in hood high construction

Technical characteristics

Termination points	3
Termination wire gauge	0.5–2.5 mm <sup>2</sup> AWG 20-14
Material	copper alloy
Surface	Ni
Contact resistance	≤ 3 m Ω

Application

The PE-multiple ground connection may be used to terminate three PE-wires on one connector.


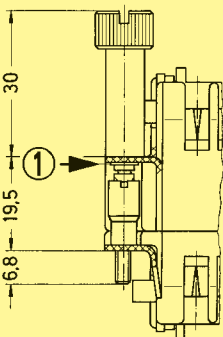
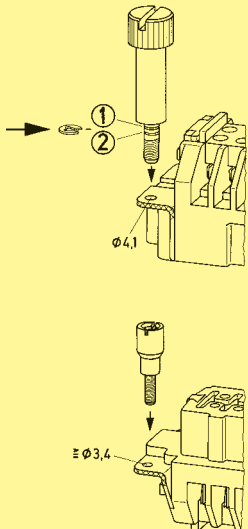

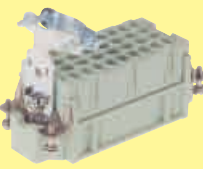
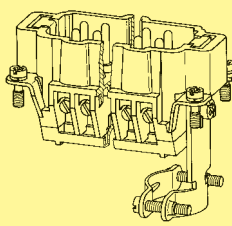

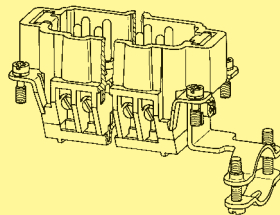
Each PE-wire can be terminated and removed separately.

(acc. VDE 0113 DIN EN 60204 Pt. 14.1.1).

Pack contents

- Delivery comprises
- Multiple ground connection
  - Fixing screw M4 with washer

Security accessories

Identification	Part No.	Drawing	Dimensions in mm
<p>Screw pin<sup>1)</sup></p> 	<b>09 33 000 9910</b>	<p>When using inserts without hoods or housings and requiring a locking facility this system is suitable for all rectangular connectors of the Han® B series. For each connector we recommend two screw pins and two bushes as shown which are fitted diagonally to the inserts instead of the ordinary fixing screws. Holes for fixing to be drilled as shown.</p> <p>Mounting example</p> 	
<p>Bush<sup>1)</sup></p> 	<b>09 33 000 9912</b>		
<p><sup>1)</sup>order 2 pieces for one connector</p>			
<p>Straight cable clamp fitting</p> 	<b>09 00 000 5340</b>		
<p>Angled cable clamp fitting</p> 	<b>09 00 000 5339</b>		<p>Clamping range of strain relief clamp: 9 - 19 mm</p>

Features

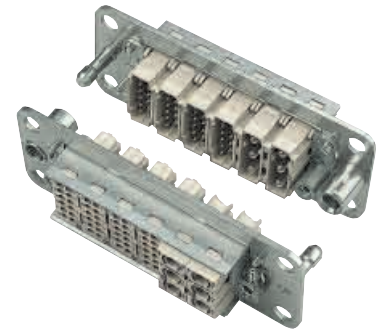
When using inserts without hoods or housings and requiring a strain relief this system is suitable for all rectangular connectors of series Han DD®, Han® 40-64 D, Han E®/ Han® ES, Han® HsB, Han Hv E®/ Han® Hv ES, Han® EE, Han® K 8/24. Fitted at the opposite end to the PE-termination.

Pack contents

Delivery comprises

- Cable clamp fitting with 2 screws M3
- Fixing screw M4 with washer

Stock items in bold type



Identification

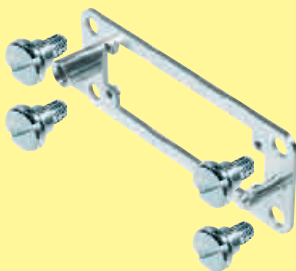
Size

Part No.

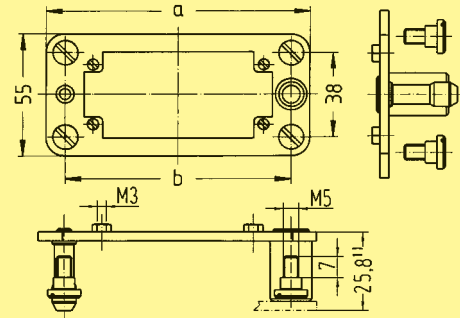
Drawing

Dimensions in mm

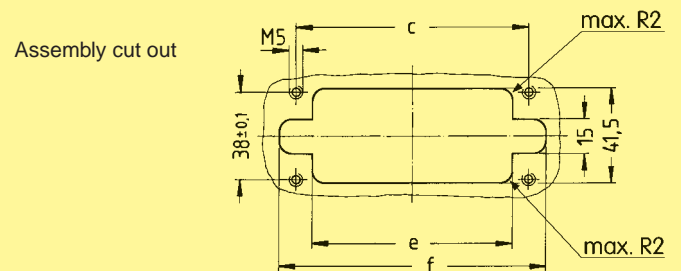
Han®  
Docking frame



6 B	<b>09 30 006 1701</b>
10 B	09 30 010 1701
16 B	<b>09 30 016 1701</b>
24 B	<b>09 30 024 1701</b>



1) Distances for electrical and FOC contacts max. 27 mm,  
for pneumatic contacts max. 26.5 mm



Size	a	b	c	e	f
6 B	86	69	69	54.5	84
10 B	99	82	82	67.5	97
16 B	119.5	102.5	102.5	88	117.5
24 B	146	129	129	114.5	144

## Features

- ❑ Suitable for all inserts of the series Han® B, Han E®, Han® ES, Han DD®, Han-Com® and Han-Modular®
- ❑ Ideal for applications in the field of transportation, as well as in the printing industry
- ❑ Due to the floating system of the docking frame the PE connection of the mounting base has to be installed separately
- ❑ Inserts are protected against mechanical damage

## Technical characteristics

Material	
- Docking frame	Stainless Steel
- Fixing screws	Steel, zinc plated
Pull-in-range	
- x-axis	± 1.5 mm
- y-axis	± 1.5 mm
Mechanical working life	
- Mating cycles	≥ 500

## Pack contents

- Delivery comprises
- 1 frame
  - 4 cheese head shoulder screws to fix the docking frame

Accessories

40  
15

Stock items in bold type





Identification	Size	Part No.	Drawing	Dimensions in mm
<b>Ground terminal</b> for Han E®, Han® EE and Han DD® in housings and hoods, high construction, and Han-Snap®	6 B	<b>09 00 000 5206</b>		
	10 B	<b>09 00 000 5207</b>		
	16 B	<b>09 00 000 5208</b>		
	24 B	<b>09 00 000 5210</b>		
	24 B	<b>09 00 000 5280</b>		

## Technical characteristics

Material: steel, zinc plated

## Pack contents

Ground terminal frame with M 4 screws  
for fixing at insert

Accessories

Identification	Part No.	Drawing	Dimensions in mm
<b>Clamp</b> for ground terminal	<b>09 00 000 5341</b>  <b>09 00 000 5342</b>	cable Ø	
		5 mm	
		10 mm	

Stock items in bold type

Identification	Size	Part No.	Drawing	Dimensions in mm
Ground terminal for Han-Modular <sup>®</sup> in housings bulk- head mounting	6 B	09 00 000 5256		
	10 B	09 00 000 5257		
	16 B	09 00 000 5258		
	24 B	<b>09 00 000 5211</b>		
Ground terminal for Han Quintax <sup>®</sup> in housings bulk- head mounting	24 B	<b>09 00 000 5235</b>		
Ground terminal for Han-Modular <sup>®</sup> in housings and hoods high construction	24 B	<b>09 00 000 5298</b>		

Stock items in bold type

Identification	Size	Part No.	Drawing	Dimensions in mm
<b>PE terminal</b> for Han-Modular® in housings and hoods, high construction	<b>24 B</b>	<b>09 00 000 5209</b>		


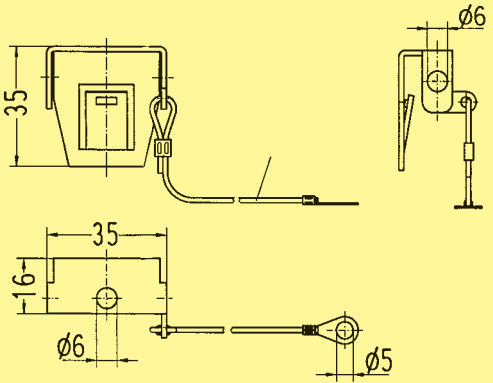
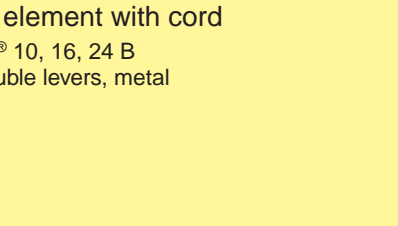
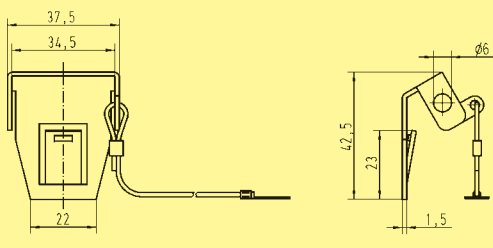



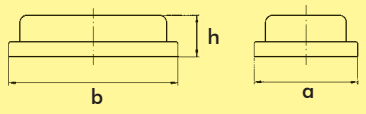

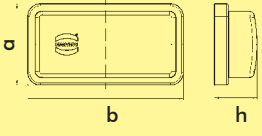

## Technical characteristics


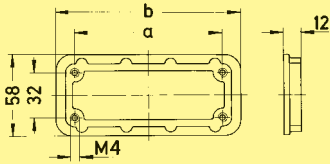
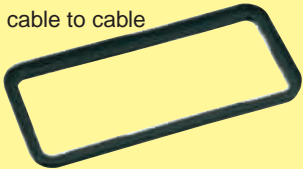
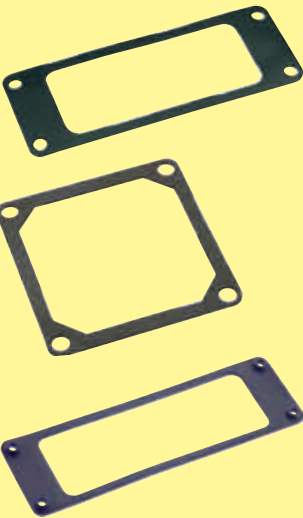


Material: steel, zinc plated

Identification	Part No.	Drawing	Dimensions in mm
<b>Clamps</b> for ground terminals	<b>09 00 000 5341</b>	cable Ø 5 mm 	
	<b>09 00 000 5342</b>	10 mm 	

Identification	Size	Part No.	Drawing	Dimensions in mm
<b>PE-screw</b> for Han A®, Han® 15, 25 D  for Han E® etc. for Han-Com®, Han® HsB	M 3,5 M 4 M 5	09 20 000 9919 <b>09 33 000 9925</b> 09 33 000 9926		
<b>Insert fixing screw</b>	M 3	09 16 000 9903		
<b>Contact screw</b> for Staf®, Han® 3 A, 4 A	M 3	09 30 000 9997		
<b>Han® 3 A Insert fixing screw</b>	M 3	09 20 000 9995		
<b>Han® 3 A Insert fixing screw</b>	M 3 IP 65	<b>09 20 000 9918</b>		
<b>Han-Compact® Insert fixing screw</b>	ST 2,9 x 9,5 F-H	09 12 000 9921		
<b>Han® HPR Locking screw</b>	M 6	09 40 000 9932		
<b>Han® HPR Toggle locking screw</b>	–	09 40 000 9931		
<b>Locking levers</b>				
Han Easy-Lock® single levers	3 A	09 00 000 5241	grey black	
	3 A	09 00 000 5242		
Han Easy-Lock® double levers	10 A	09 00 000 5224		
	16 A	09 00 000 5225		
	6 B	09 00 000 5222		
	10 B	09 00 000 5228		
	16 B	09 00 000 5229		
Han Easy-Lock® double levers	24 B	09 00 000 5230		
	10/16/ 24 B	<b>09 00 000 5221</b>		
	32 A	09 00 000 5223		
	32 B	09 00 000 5231		

Accessories

Identification	Size	Part No.	Drawing	Dimensions in mm																								
<b>Locking element with cord</b> for Han Easy-Lock® double levers and Han® 10, 16, 24 B housings bulkhead mounting 	10/16/ 24 B	09 30 000 9986																										
<b>Locking element with cord</b> for Han® 10, 16, 24 B with double levers, metal 	10/16/ 24 B	09 30 000 9987																										
<b>Bearing pedestal</b> for Han® 10 A, 16 A, 32 A 6 B, 10 B, 16 B, 24 B 		09 30 000 9964																										
<b>Thermoplastic cover</b> for bearing pedestal 	10 A 16 A  6 B 10 B 16 B 24 B	09 20 010 5410 09 20 016 5410  09 30 006 5410 09 30 010 5410 09 30 016 5410 09 30 024 5410																										
<b>Dust protection cover</b> for Han® B housings 	10 16 24	<b>09 30 010 5406</b> <b>09 30 016 5406</b> <b>09 30 024 5406</b>		<table border="1"> <thead> <tr> <th>Size</th> <th>a</th> <th>b</th> <th>h</th> </tr> </thead> <tbody> <tr> <td>10B</td> <td>45,2</td> <td>47,8</td> <td>18</td> </tr> <tr> <td>16B</td> <td>45,2</td> <td>95,3</td> <td>18</td> </tr> <tr> <td>24B</td> <td>45,2</td> <td>121,8</td> <td>18</td> </tr> </tbody> </table>	Size	a	b	h	10B	45,2	47,8	18	16B	45,2	95,3	18	24B	45,2	121,8	18								
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10B	45,2	47,8	18																									
16B	45,2	95,3	18																									
24B	45,2	121,8	18																									
<b>Dust protection cover</b> for Han® HPR housings 	3 A  6 B 10 B 16 B 24 B	09 40 003 5406  09 40 006 5406 09 40 010 5406 09 40 016 5406 09 40 024 5406		<table border="1"> <thead> <tr> <th>Size</th> <th>a</th> <th>b</th> <th>h</th> </tr> </thead> <tbody> <tr> <td>3A</td> <td>27.8</td> <td>45.7</td> <td>12.5</td> </tr> <tr> <td>6B</td> <td>55</td> <td>93.2</td> <td>29</td> </tr> <tr> <td>10B</td> <td>55</td> <td>106.2</td> <td>29</td> </tr> <tr> <td>16B</td> <td>55</td> <td>126.2</td> <td>29</td> </tr> <tr> <td>24B</td> <td>55</td> <td>153.2</td> <td>29</td> </tr> </tbody> </table>	Size	a	b	h	3A	27.8	45.7	12.5	6B	55	93.2	29	10B	55	106.2	29	16B	55	126.2	29	24B	55	153.2	29
Size	a	b	h																									
3A	27.8	45.7	12.5																									
6B	55	93.2	29																									
10B	55	106.2	29																									
16B	55	126.2	29																									
24B	55	153.2	29																									
<b>Metal cover</b> for bearing pedestal 	6 B 10 B 16 B 24 B	09 30 006 5403 09 30 010 5404 09 30 016 5404 09 30 024 5404																										

Identification	Size	Part No.	Drawing	Dimensions in mm												
<b>Mounting frames</b> for standard housings 	6 B	09 40 000 9921	 <table border="1" data-bbox="1058 499 1286 665"> <tr> <td>6 B</td> <td>70</td> <td>96</td> </tr> <tr> <td>10 B</td> <td>83</td> <td>109</td> </tr> <tr> <td>16 B</td> <td>103</td> <td>129</td> </tr> <tr> <td>24 B</td> <td>130</td> <td>156</td> </tr> </table>	6 B	70	96	10 B	83	109	16 B	103	129	24 B	130	156	
	6 B	70		96												
	10 B	83		109												
	16 B	103		129												
	24 B	130		156												
10 B	09 40 000 9922															
16 B	09 40 000 9923															
24 B	09 40 000 9924															
Identification	Size	Material NBR	Part No.	Material FPM												
<b>L-seal</b> for Hoods cable to cable 	6 B	<b>09 30 000 9936</b>														
	10 B	09 30 000 9935														
	16 B	09 30 000 9934														
	24 B	09 30 000 9933														
<b>Gasket</b> 	Modular Compact	09 14 000 9940														
	3 A	<b>09 20 000 9991</b>	09 37 000 9912													
	10 A	09 20 000 9992														
	16 A	09 20 000 9993														
	32 A	09 20 000 9994														
	Han-Drive	09 30 000 9903														
	6 B	<b>09 30 000 9801</b>	09 37 000 9946													
	10 B	<b>09 30 000 9802</b>														
	16 B	<b>09 30 000 9803</b>	09 37 000 9948													
	24 B	<b>09 30 000 9804</b>	09 37 000 9949													
48 B	09 30 000 9996															
<b>Profile seal</b> 	3 A	09 70 000 9991	09 21 000 9906													
	10 A	09 20 000 9996														
	16 A	09 20 000 9997														
	6 B	09 30 000 9941														
	10 B	09 30 000 9942														
	16 B	09 30 000 9943														
	24 B	09 30 000 9944														
	48 B	09 30 000 9995														
	<b>Han® HPR</b> O-ring-sealing 	3 HPR	09 40 000 9910													
6 HPR		09 40 000 9911														
10 HPR		09 40 000 9912														
16 HPR		09 40 000 9913														
24 HPR		09 40 000 9914														

Accessories