

Number of contacts

10 +



Inserts

Identification	Series	Part No.		Drawing	Dimensions in mm																				
		Male insert (M)	Female insert (F)																						
Screw terminal with wire protection 	Han E	09 33 010 2601	09 33 010 2701	<p>¹⁾ Distance for contact max. 21 mm</p> <table border="1"> <thead> <tr> <th></th> <th>a</th> <th>b</th> <th>c</th> <th>d</th> </tr> </thead> <tbody> <tr> <td>Han E</td> <td>20</td> <td>35</td> <td>21</td> <td>37</td> </tr> <tr> <td>Han ES</td> <td>21</td> <td>36</td> <td>19</td> <td>35</td> </tr> <tr> <td>Han ESS</td> <td>34</td> <td>49</td> <td>32</td> <td>49</td> </tr> </tbody> </table>		a	b	c	d	Han E	20	35	21	37	Han ES	21	36	19	35	Han ESS	34	49	32	49	
	a	b	c		d																				
Han E	20	35	21		37																				
Han ES	21	36	19		35																				
Han ESS	34	49	32	49																					
Cage-clamp terminal 	Han ES	09 33 010 2616	09 33 010 2716																						
Cage-clamp terminal two terminals per contact 	Han ESS	09 33 010 2672	09 33 010 2772	Contact arrangement View from termination side 																					
Crimp terminal Order contacts separately 	Han E	09 33 010 2602	09 33 010 2702	Panel cut out for inserts for use without hoods/housings 																					

Identification	Wire gauge (mm ²)	Part No.		Drawing	Dimensions in mm
		Male contacts	Female contacts		
Crimp contacts Power contacts silver plated 	0.5	09 33 000 6121	09 33 000 6220		Operating contact Identification Relay contact
	0.75	09 33 000 6114	09 33 000 6214		
	1.0	09 33 000 6105	09 33 000 6205		
	1.5	09 33 000 6104	09 33 000 6204		
	2.5	09 33 000 6102	09 33 000 6202		
	3	09 33 000 6106	09 33 000 6206		
	4	09 33 000 6107	09 33 000 6207		
	gold plated 	0.5	09 33 000 6122		
0.75		09 33 000 6115	09 33 000 6215		
1.0		09 33 000 6118	09 33 000 6218		
1.5		09 33 000 6116	09 33 000 6216		
Relay contact silver plated 	0.75-1	09 33 000 6109			
	1.5	09 33 000 6110			
	2.5	09 33 000 6111			


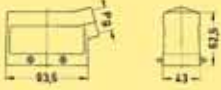


















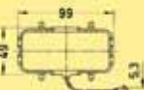

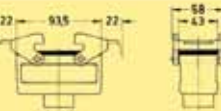



Crimp contact identification

Identification	Wire gauge	Stripping length
no groove	0.5 mm ² AWG 20	7.5 mm
1 groove*	0.75 mm ² AWG 18	7.5 mm
1 groove	1 mm ² AWG 18	7.5 mm
2 grooves	1.5 mm ² AWG 16	7.5 mm
3 grooves	2.5 mm ² AWG 14	7.5 mm
wide groove	3.0 mm ² AWG 12	7.5 mm
no groove	4 mm ² AWG 12	7.5 mm

* on the back crimp collar

Identification	Part No.		Pg	Drawing	Dimensions in mm												
	Low construction	High construction															
Hoods	Hoods side-entry 	09 30 010 1521	16														
		09 30 010 0522	21														
		09 30 010 0523	29														
	Hoods top-entry 	09 30 010 1421	16														
		09 30 010 0422	21														
		09 30 010 0423	29														
Protection covers thermoplastic/metal 	09 30 010 5401																
	09 30 010 5423																
Housings	Housing bulkhead mounting 	09 30 010 0301	-	Panel cut out 60 x 35 mm 													
	Housings surface mounting 	1 side-entry	09 30 010 1231	16 21 29	 Blind way for one cable entry <table border="1"> <thead> <tr> <th></th> <th>a</th> <th>b</th> <th>h</th> </tr> </thead> <tbody> <tr> <td>Low construction</td> <td>40</td> <td>52</td> <td>54</td> </tr> <tr> <td>High construction</td> <td>45</td> <td>57</td> <td>74</td> </tr> </tbody> </table>		a	b	h	Low construction	40	52	54	High construction	45	57	74
			a	b		h											
		Low construction	40	52		54											
		High construction	45	57		74											
	2 side-entries	09 30 010 1271	16 21 29														
		09 30 010 0232 09 30 010 0233															
		09 30 010 0272 09 30 010 0273															
	Protection covers thermoplastic/metal 	09 30 010 5407															
		09 30 010 5425															
Hoods cable to cable 	09 30 010 1731	16 21 29	 <table border="1"> <thead> <tr> <th></th> <th>h</th> </tr> </thead> <tbody> <tr> <td>Low construction</td> <td>47.5</td> </tr> <tr> <td>High construction</td> <td>74.5</td> </tr> </tbody> </table>		h	Low construction	47.5	High construction	74.5								
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	09 30 010 0732 09 30 010 0733																
Protection cover metal 	09 30 010 5427																



Identification	Part No.		Pg	Drawing	Dimensions in mm						
	Low construction	High construction									
Hoods	Hoods side-entry 	09 30 016 1520	21								
		09 30 016 0520 09 30 016 0521	21 29								
	Hoods top-entry 	09 30 016 1420	21								
		09 30 016 0420 09 30 016 0421	21 29								
	Protection covers thermoplastic/metal 	09 30 016 5401									
		09 30 016 5422									
Housings	Housing bulkhead mounting 	09 30 016 0301	-	Panel cut out 82 x 35 mm 							
	Housings surface mounting 	1 side-entry 09 30 016 1230	09 30 016 0230 09 30 016 0231	21 29							
		2 side-entries 09 30 016 1270	09 30 016 0270 09 30 016 0271	21 29			Blind way for one cable entry <table border="1"> <thead> <tr> <th></th> <th>h</th> </tr> </thead> <tbody> <tr> <td>Low construction</td> <td>56</td> </tr> <tr> <td>High construction</td> <td>81</td> </tr> </tbody> </table>			h	Low construction
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	Low construction	56									
	High construction	81									
Protection covers thermoplastic/metal 	09 30 016 5405										
	09 30 016 5425										
Hoods cable to cable 	09 30 016 1730	09 30 016 0730 09 30 016 0731	21 29								
Protection cover metal 	09 30 016 5426										

Identification	Part No.	Pg	Drawing	Dimensions in mm																																																																																																																																																																
Special cable clamp metal, with bell-mouth cable fitting and strain relief for Standard Hoods/Housings	Style A 09 00 000 5101 Style B 09 00 000 5102 Style B 09 00 000 5103 Style A 09 00 000 5104 Style A 09 00 000 5106	11 13.5 16 21 29																																																																																																																																																																		
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Special cable clamp brass, with strain relief	Style C 09 00 000 5196 Style C 09 00 000 5197	36 42	<table border="1"> <thead> <tr> <th>Style</th> <th>PG</th> <th>SW</th> <th>a</th> <th>c</th> <th>min. d</th> <th>max. d</th> <th>D</th> <th>e</th> <th>f</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>11</td> <td>19</td> <td>26.6</td> <td>M3</td> <td>6</td> <td>11</td> <td>23</td> <td>9</td> <td>-</td> </tr> <tr> <td>A</td> <td>13.5</td> <td>22</td> <td>31</td> <td>M3</td> <td>9</td> <td>14</td> <td>28</td> <td>10</td> <td>-</td> </tr> <tr> <td>A</td> <td>16</td> <td>24</td> <td>33</td> <td>M4</td> <td>10</td> <td>16</td> <td>30</td> <td>9.5</td> <td>-</td> </tr> <tr> <td>A</td> <td>21</td> <td>30</td> <td>39.5</td> <td>M4</td> <td>13.5</td> <td>21</td> <td>37</td> <td>12</td> <td>-</td> </tr> <tr> <td>A</td> <td>29</td> <td>41</td> <td>49</td> <td>M5</td> <td>19</td> <td>29</td> <td>50</td> <td>13</td> <td>-</td> </tr> <tr> <td>B</td> <td>13.5</td> <td>28</td> <td>22</td> <td>M3</td> <td>9</td> <td>14</td> <td>31.5</td> <td>6.5</td> <td>-</td> </tr> <tr> <td>B</td> <td>16</td> <td>30</td> <td>23</td> <td>M3</td> <td>10</td> <td>16</td> <td>33.5</td> <td>6.5</td> <td>-</td> </tr> <tr> <td>C</td> <td>36</td> <td>52</td> <td>25.3</td> <td>-</td> <td>25</td> <td>37</td> <td>-</td> <td>9.5</td> <td>-</td> </tr> <tr> <td>C</td> <td>42</td> <td>59</td> <td>26.3</td> <td>-</td> <td>31</td> <td>43</td> <td>-</td> <td>10</td> <td>-</td> </tr> <tr> <td>D</td> <td>11</td> <td>19</td> <td>35</td> <td>M3</td> <td>6</td> <td>11</td> <td>33</td> <td>9</td> <td>35</td> </tr> <tr> <td>D</td> <td>13.5</td> <td>22</td> <td>36.5</td> <td>M3</td> <td>7.5</td> <td>14</td> <td>36</td> <td>10</td> <td>39</td> </tr> <tr> <td>D</td> <td>16</td> <td>24</td> <td>40</td> <td>M4</td> <td>10</td> <td>16</td> <td>38</td> <td>10</td> <td>45</td> </tr> <tr> <td>D</td> <td>21</td> <td>30</td> <td>47.5</td> <td>M4</td> <td>12.5</td> <td>21</td> <td>46</td> <td>12</td> <td>51</td> </tr> <tr> <td>D</td> <td>29</td> <td>41</td> <td>55.5</td> <td>M5</td> <td>17</td> <td>29</td> <td>60</td> <td>13</td> <td>64</td> </tr> <tr> <td>D</td> <td>36</td> <td>50</td> <td>62</td> <td>M5</td> <td>20.5</td> <td>36</td> <td>76</td> <td>13</td> <td>72</td> </tr> </tbody> </table>		Style	PG	SW	a	c	min. d	max. d	D	e	f	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
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Special cable clamp thermoplastic, with bell-mouth cable fitting and strain relief	Style D 09 00 000 5165 Style D 09 00 000 5166 Style D 09 00 000 5167 Style D 09 00 000 5168 Style D 09 00 000 5169 Style D 09 00 000 5170	11 13.5 16 21 29 36																																																																																																																																																																		
Normal seal	09 00 000 5020 09 00 000 5021 09 00 000 5022 09 00 000 5023 09 00 000 5024 09 00 000 5025 09 00 000 5026	11 13.5 16 21 29 36 42	<table border="1"> <thead> <tr> <th colspan="2">cable ø</th> </tr> <tr> <th>min.</th> <th>max.</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>12</td> </tr> <tr> <td>12</td> <td>14</td> </tr> <tr> <td>14</td> <td>16</td> </tr> <tr> <td>19</td> <td>21</td> </tr> <tr> <td>28</td> <td>30</td> </tr> <tr> <td>35</td> <td>37</td> </tr> <tr> <td>41</td> <td>43</td> </tr> </tbody> </table>	cable ø		min.	max.	10	12	12	14	14	16	19	21	28	30	35	37	41	43																																																																																																																																															
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Multiple seal	09 00 000 5027 09 00 000 5028 09 00 000 5029 09 00 000 5030 09 00 000 5031 09 00 000 5032 09 00 000 5033	11 13.5 16 21 29 36 42	<table border="1"> <thead> <tr> <th colspan="2">cable ø</th> </tr> <tr> <th>min.</th> <th>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> <tr> <td>29</td> <td>40</td> </tr> </tbody> </table>	cable ø		min.	max.	6.5	12	6.5	13.5	6.5	16	9	20	17	28	23	34	29	40																																																																																																																																															
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Anti-twist device for special metal cable clamp style A and hexagonal adaptor	09 36 000 9901 09 36 000 9902 09 36 000 9903 09 36 000 9904 09 36 000 9905	11 13.5 16 21 29	<table border="1"> <thead> <tr> <th>SW</th> </tr> </thead> <tbody> <tr> <td>20</td> </tr> <tr> <td>22</td> </tr> <tr> <td>24</td> </tr> <tr> <td>30</td> </tr> <tr> <td>41</td> </tr> </tbody> </table>	SW	20	22	24	30	41																																																																																																																																																											
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Hexagonal adaptor metal with O-ring for anti-twist device	09 36 000 5131 09 36 000 5132 09 36 000 5133 09 36 000 5134 09 36 000 5135	11 13.5 16 21 29	<table border="1"> <thead> <tr> <th>SW</th> </tr> </thead> <tbody> <tr> <td>20</td> </tr> <tr> <td>22</td> </tr> <tr> <td>24</td> </tr> <tr> <td>30</td> </tr> <tr> <td>41</td> </tr> </tbody> </table>	SW	20	22	24	30	41																																																																																																																																																											
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