

# Series D

## Specifications

**Regulations:** DIN VDE 0627, DIN VDE 0110, DIN EN 61 984  
**Approvals:** UR, CSA, SEV, MEIE, EZÚ, GOST  
**Standards:** DIN EN 175 301-801  
**Number of poles:** 7, 8, 15, 25, 40, 50 (2 x 25), 64, 80 (2 x 40), 128 (2 x 64) + PE

### Electrical data acc. to DIN EN 61 984:

Rated current	10 A	250 V	4 kV	3
Rated voltage	_____			
Rated surge	_____			
Pollution degree	_____			
Pollution degree 2 also	10 A	230/400 V	4 kV	2
Rated voltage acc. to UL/CSA:	600 V			
Material:	Glass-fibre reinforced polyamide			
Temperature range:	- 40 °C up to + 125 °C			
Flame class rating acc. to UL 94:	V 0			
Mechanical operating life mating cycles:	> 500			

### Contacts

**Material:** Copper alloy  
**Surface** - hard silver-plated: 3 µm Ag  
 - hard gold-plated: 2 µm Au over 3 µm Ni  
**Contact resistance:** < 3 m Ω  
**Crimp terminal:** 0,14 - 2,5 mm<sup>2</sup> (26 - 14) AWG

### Plastic housings

**Material:** Glass-fibre reinforced polyamide  
**Locking levers:** Polyamide  
**Flame class rating acc. to UL 94:** V 0  
**Housing seal:** NBR  
**Temperature range:** - 40 °C up to + 125 °C  
**Protection degree acc. to DIN EN 60 529 in closed position:** IP 44

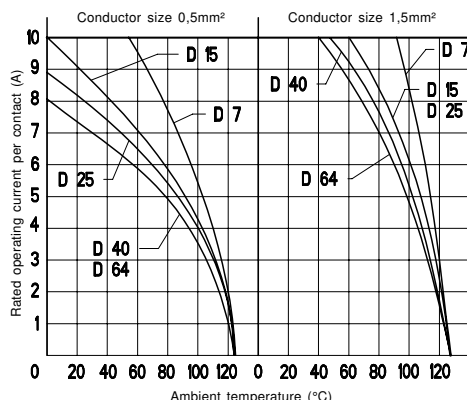
**D 7 inserts only suitable for plastic housings!**

### Metal housings

**Material:** Die-cast aluminium  
**Surface:** Powder-coated  
**Levers of double locking system:** Stainless steel  
**Housing seal:** NBR  
**Temperature range:** - 40 °C up to + 125 °C  
**Protection degree acc. to DIN EN 60 529 in closed position:**  
 - D 7 and D 8: IP 44, IP 65<sup>1)</sup>  
 - D 15 up to D 128: IP 65

**Application hint:** Heavy duty connectors are electrical devices which under proper use - under load - should not be inserted or separated.

The derating diagram (corrected current capacity curve) acc. to DIN/IEC 512 applies to such kind of current which can - depending on ambient temperature and conductor size) circulate through each contact without exceeding the upper limiting temperature.



Specifications Series D 8

Electrical data  
 DIN EN 61984  
 10 A 50 V 0,8 kV 3  
 Rated voltage  
 acc. to UL/CSA 50 V

Page

### Inserts

**D 7 pole + PE, D 7 modified** 38  
**D 3 pole + PE**

- short overview see page 86 -  
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### Inserts

**D 8 pole** 39

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### Inserts

**D 15 pole + PE, D 15 modified,**  
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### Inserts

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### Inserts

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### Inserts

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### Inserts

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### Inserts

**D 80 pole + PE, D 80 modified**  
**D 40.1 pole + PE, D 32.1 pole + PE** 49 - 50

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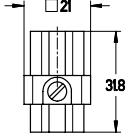

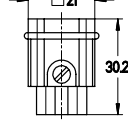













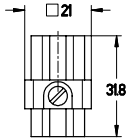

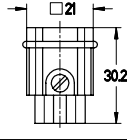







### Inserts


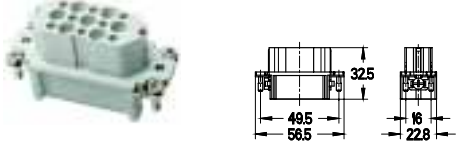
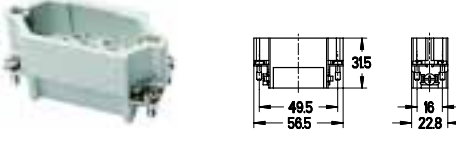
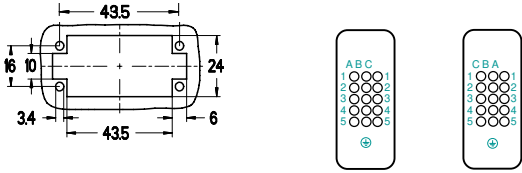
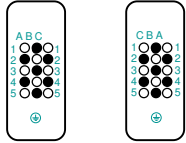
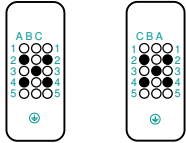
**D 128 pole + PE, D 128 modified**  
**D 64.1 pole + PE, D 56 pole + PE** 51 - 52












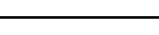


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 - matching housings see page 137 -







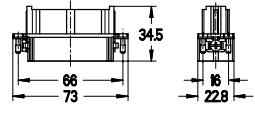

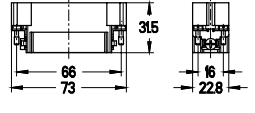
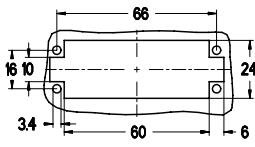
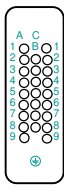

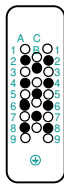
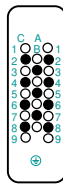

Description	Part No.	Series D 7 P + ⊕ 10 A / 250 V UL/CSA: 600 V	  9	EAN-No. 4015609...	
<b>Crimp contact carriers</b>					
<b>Contact carriers</b> only for plastic housings for sleeve contacts <b>720 307</b>  Please order crimp contacts and glass fibre cable contacts separately		 	10 8	031450	
<b>Contact carriers</b> only for plastic housings for pin contacts <b>720 407</b>  Please order crimp contacts and glass fibre cable contacts separately		 	10 7	031511	
<b>Contact arrangement</b>					
<b>D 7 complete with 7 + PE contacts</b> rated voltage: 250 V  B: Female insert S: Male insert		view from termination side  B                      S   			
<b>D 7 modified: D 3 pole + PE</b>  D 7 complete with 3 + PE contacts rated voltage: 500 V		   ● working contact    ○ without contact			
<b>Contacts</b>					
<b>Sleeve contacts D</b> crimp-type solid, drilled weight per 100	silver-plated <b>720 506</b> <b>720 507</b> <b>720 508</b> <b>720 509</b> <b>720 502</b>	gold-plated 720 686 720 687 720 688 720 689 720 690	z conductor size marked by z   1 0,14 - 0,37 mm <sup>2</sup> 26 - 22 AWG 2 0,5 mm <sup>2</sup> 20 AWG 3 0,75 - 1 mm <sup>2</sup> 19 - 18 AWG 4 1,5 mm <sup>2</sup> 16 AWG 5 2,5 mm <sup>2</sup> 14 AWG	100 65 68 70 72 62	<b>031603</b> <b>031610</b> <b>031627</b> <b>031634</b> <b>031573</b>
<b>Pin contacts D</b> crimp-type solid, drilled weight per 100	silver-plated <b>720 516</b> <b>720 517</b> <b>720 518</b> <b>720 519</b> <b>720 512</b>	gold-plated 720 691 720 692 720 693 720 694 720 695	 1 0,14 - 0,37 mm <sup>2</sup> 26 - 22 AWG 2 0,5 mm <sup>2</sup> 20 AWG 3 0,75 - 1 mm <sup>2</sup> 19 - 18 AWG 4 1,5 mm <sup>2</sup> 16 AWG 5 2,5 mm <sup>2</sup> 14 AWG	100 60 63 65 67 70	<b>031672</b> <b>031689</b> <b>031696</b> <b>031702</b> <b>031641</b>
<b>Sleeve contact</b> glass fibre cable for plastic cable solid, drilled weight per 100	720 520		 POF* Ø 1 mm	100 89	157839
<b>Pin contact</b> glass fibre cable for plastic cable solid, drilled weight per 100	720 530		 POF* Ø 1 mm	100 74	157846
<b>Dummy contact sleeve</b> for coding with loss of one contact  <i>In order to avoid the false plugging of similar contact inserts a coding system is required. The coding is achieved by inserting the dummy contact sleeve into a selected contact cavity of the female insert. The opposite male insert must not be equipped at this position.</i>	720 696			1 1	149445

Description	Part No.	Series D 8 P 10 A / 42 V UL/CSA: 50 V		 9	EAN-No. 4015609...																		
<b>Crimp contact carriers</b>																							
<b>Contact carrier</b> for sleeve contacts	720 308	 		10 8	031467																		
Please order crimp contacts and glass fibre cable contacts separately																							
<b>Contact carrier</b> for pin contacts	720 408	 		10 7	031528																		
Please order crimp contacts and glass fibre cable contacts separately																							
<b>Contact arrangement</b>																							
D 8 complete with 8 contacts rated voltage: 42 V																							
B: Female insert S: Male insert																							
view from termination side   																							
<b>Contacts</b>																							
conductor size marked by z																							
<b>Sleeve contacts D</b> crimp-type solid, drilled weight per 100	silver-plated 720 506 720 507 720 508 720 509 720 502	gold-plated 720 686 720 687 720 688 720 689 720 690	 <table border="1" data-bbox="928 1227 1326 1406"> <thead> <tr> <th>z</th> <th>conductor size</th> <th>marked by z</th> </tr> </thead> <tbody> <tr><td>1</td><td>0,14 - 0,37 mm<sup>2</sup></td><td>26 - 22 AWG</td></tr> <tr><td>2</td><td>0,5 mm<sup>2</sup></td><td>20 AWG</td></tr> <tr><td>3</td><td>0,75 - 1 mm<sup>2</sup></td><td>19 - 18 AWG</td></tr> <tr><td>4</td><td>1,5 mm<sup>2</sup></td><td>16 AWG</td></tr> <tr><td>5</td><td>2,5 mm<sup>2</sup></td><td>14 AWG</td></tr> </tbody> </table>	z	conductor size	marked by z	1	0,14 - 0,37 mm <sup>2</sup>	26 - 22 AWG	2	0,5 mm <sup>2</sup>	20 AWG	3	0,75 - 1 mm <sup>2</sup>	19 - 18 AWG	4	1,5 mm <sup>2</sup>	16 AWG	5	2,5 mm <sup>2</sup>	14 AWG	100 65 68 70 72 62	031603 031610 031627 031634 031573
z	conductor size	marked by z																					
1	0,14 - 0,37 mm <sup>2</sup>	26 - 22 AWG																					
2	0,5 mm <sup>2</sup>	20 AWG																					
3	0,75 - 1 mm <sup>2</sup>	19 - 18 AWG																					
4	1,5 mm <sup>2</sup>	16 AWG																					
5	2,5 mm <sup>2</sup>	14 AWG																					
<b>Pin contacts D</b> crimp-type solid, drilled weight per 100	silver-plated 720 516 720 517 720 518 720 519 720 512	gold-plated 720 691 720 692 720 693 720 694 720 695	 <table border="1" data-bbox="928 1406 1326 1585"> <thead> <tr> <th>z</th> <th>conductor size</th> <th>marked by z</th> </tr> </thead> <tbody> <tr><td>1</td><td>0,14 - 0,37 mm<sup>2</sup></td><td>26 - 22 AWG</td></tr> <tr><td>2</td><td>0,5 mm<sup>2</sup></td><td>20 AWG</td></tr> <tr><td>3</td><td>0,75 - 1 mm<sup>2</sup></td><td>19 - 18 AWG</td></tr> <tr><td>4</td><td>1,5 mm<sup>2</sup></td><td>16 AWG</td></tr> <tr><td>5</td><td>2,5 mm<sup>2</sup></td><td>14 AWG</td></tr> </tbody> </table>	z	conductor size	marked by z	1	0,14 - 0,37 mm <sup>2</sup>	26 - 22 AWG	2	0,5 mm <sup>2</sup>	20 AWG	3	0,75 - 1 mm <sup>2</sup>	19 - 18 AWG	4	1,5 mm <sup>2</sup>	16 AWG	5	2,5 mm <sup>2</sup>	14 AWG	100 60 63 65 67 70	031672 031689 031696 031702 031641
z	conductor size	marked by z																					
1	0,14 - 0,37 mm <sup>2</sup>	26 - 22 AWG																					
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3	0,75 - 1 mm <sup>2</sup>	19 - 18 AWG																					
4	1,5 mm <sup>2</sup>	16 AWG																					
5	2,5 mm <sup>2</sup>	14 AWG																					
<b>Sleeve contact</b> glass fibre cable for plastic cables solid, drilled weight per 100	720 520	 POF* Ø 1 mm		100 89	157839																		
<b>Pin contact</b> glass fibre cable for plastic cable solid, drilled weight per 100	720 530	 POF* Ø 1 mm		100 74	157846																		
<b>Dummy contact sleeve</b> for coding with loss of one contact  <i>In order to avoid the false plugging of similar contact inserts a coding system is required. The coding is achieved by inserting the dummy contact sleeve into a selected contact cavity of the female insert. The opposite male insert must not be equipped at this position.</i>	720 696			1 1	149445																		

Description	Part No.	<b>Series D</b> <b>15 P + PE</b> 10 A / 250 V UL/CSA: 600 V	 EAN-No. 4015609...
<b>Crimp contact carriers</b>			
<b>Contact carrier</b> for sleeve contacts	<b>720 315</b>		10 29 031474
<b>Contact carrier</b> for pin contacts	<b>720 415</b>		10 29 031535
<b>Contact arrangement</b>		panel cut out      view from termination side	
D 15 complete with 15 contacts rated voltage: 250 V  B: Female insert S: Male insert			
D 15 modified: <b>D 7.1 pole + PE</b>  D 15 with 7 contacts rated voltage: 400 V			
D 15 modified: <b>D 5 pole + PE</b>  D 15 with 5 contacts rated voltage: 500 V			● working contact    ○ without contact





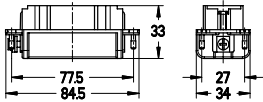

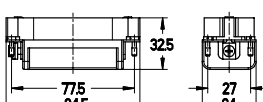
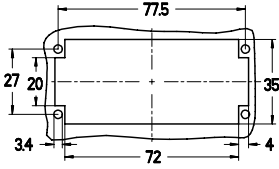
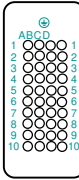
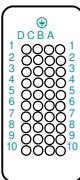


Description	Part No.	Series D				EAN-No. 4015609...
		15 P + 				
<b>Contacts</b>				z	conductor size marked by z	
<b>Sleeves D</b>	silver-plated	gold-plated				<b>100</b>
for Crimpanschluss	<b>720 506</b>	720 686		1	0,14 - 0,37 mm <sup>2</sup>	26 - 22 AWG
solid, drilled	<b>720 507</b>	720 687		2	0,5 mm <sup>2</sup>	20 AWG
weight per 100	<b>720 508</b>	720 688		3	0,75 - 1 mm <sup>2</sup>	19 - 18 AWG
	<b>720 509</b>	720 689		4	1,5 mm <sup>2</sup>	16 AWG
	<b>720 502</b>	720 690		5	2,5 mm <sup>2</sup>	14 AWG
						65
						68
						70
						72
						62
						<b>031603</b>
						<b>031610</b>
						<b>031627</b>
						<b>031634</b>
						<b>031573</b>
<b>Pins D</b>	silver-plated	gold-plated				<b>100</b>
for Crimpanschluss	<b>720 516</b>	720 691		1	0,14 - 0,37 mm <sup>2</sup>	26 - 22 AWG
solid, drilled	<b>720 517</b>	720 692		2	0,5 mm <sup>2</sup>	20 AWG
weight per 100	<b>720 518</b>	720 693		3	0,75 - 1 mm <sup>2</sup>	19 - 18 AWG
	<b>720 519</b>	720 694		4	1,5 mm <sup>2</sup>	16 AWG
	<b>720 512</b>	720 695		5	2,5 mm <sup>2</sup>	14 AWG
						60
						63
						65
						67
						70
						<b>031672</b>
						<b>031689</b>
						<b>031696</b>
						<b>031702</b>
						<b>031641</b>
<b>Sleeve</b>	glass fibre cable for plastic cable	720 520			POF* Ø 1 mm	<b>100</b>
solid, drilled						89
weight per 100						157839
<b>Pin</b>	glass fibre cable for plastic cable	720 530			POF* Ø 1 mm	<b>100</b>
solid, drilled						74
weight per 100						157846

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Description	Part No.	<b>Series D</b> <b>25 P +</b>  10 A / 250 V UL/CSA: 600 V	  9 EAN-No. 4015609...
<b>Crimp contact carriers</b>		 	10 36     031481
<b>Contact carrier</b> for sleeve contacts <b>720 325</b>  Please order crimp contacts and glass fibre cable contacts separately		 	10 34     031542
<b>Contact carrier</b> for pin contacts <b>720 425</b>  Please order crimp contacts and glass fibre cable contacts separately		<p>panel cut out     view from termination side</p> <p>B     S</p>      <p>● working contac     ○ without contact</p>	
<b>Contact arrangement</b>  D 25 complete with 25 contacts rated voltage: 250 V  B: Female insert S: Male insert		<b>D 25 modified: D 11 pole + PE</b>   D 25 with 11 contacts rated voltage: 500 V	

Description	Part No.		Series D 25 P +				EAN-No. 4015609...
<b>Contacts</b>			z	conductor size marked by z			
<b>Sleeve contacts D</b>	silver-plated	gold-plated				<b>100</b>	
crimp-type	<b>720 506</b>	720 686	1	0,14 - 0,37 mm <sup>2</sup>	26 - 22 AWG	65	<b>031603</b>
solid, drilled	<b>720 507</b>	720 687	2	0,5 mm <sup>2</sup>	20 AWG	68	<b>031610</b>
weight per 100	<b>720 508</b>	720 688	3	0,75 - 1 mm <sup>2</sup>	19 - 18 AWG	70	<b>031627</b>
	<b>720 509</b>	720 689	4	1,5 mm <sup>2</sup>	16 AWG	72	<b>031634</b>
	<b>720 502</b>	720 690	5	2,5 mm <sup>2</sup>	14 AWG	62	<b>031573</b>
<b>Pin contacts D</b>	silver-plated	gold-plated				<b>100</b>	
crimp-type	<b>720 516</b>	720 691	1	0,14 - 0,37 mm <sup>2</sup>	26 - 22 AWG	60	<b>031672</b>
solid, drilled	<b>720 517</b>	720 692	2	0,5 mm <sup>2</sup>	20 AWG	63	<b>031689</b>
weight per 100	<b>720 518</b>	720 693	3	0,75 - 1 mm <sup>2</sup>	19 - 18 AWG	65	<b>031696</b>
	<b>720 519</b>	720 694	4	1,5 mm <sup>2</sup>	16 AWG	67	<b>031702</b>
	<b>720 512</b>	720 695	5	2,5 mm <sup>2</sup>	14 AWG	70	<b>031641</b>
<b>Sleeve contacts</b>						<b>100</b>	
glass fibre cable for plastic cables	720 520			POF* Ø 1 mm		89	157839
solid, drilled							
weight per 100							
<b>Pin contacts</b>						<b>100</b>	
glass fibre cable for plastic cables	720 530			POF* Ø 1 mm		74	157846
solid, drilled							
weight per 100							


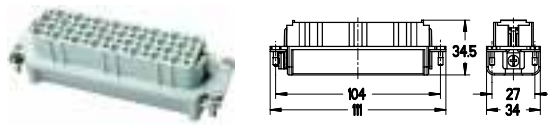
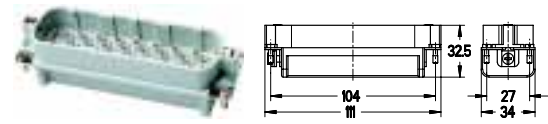
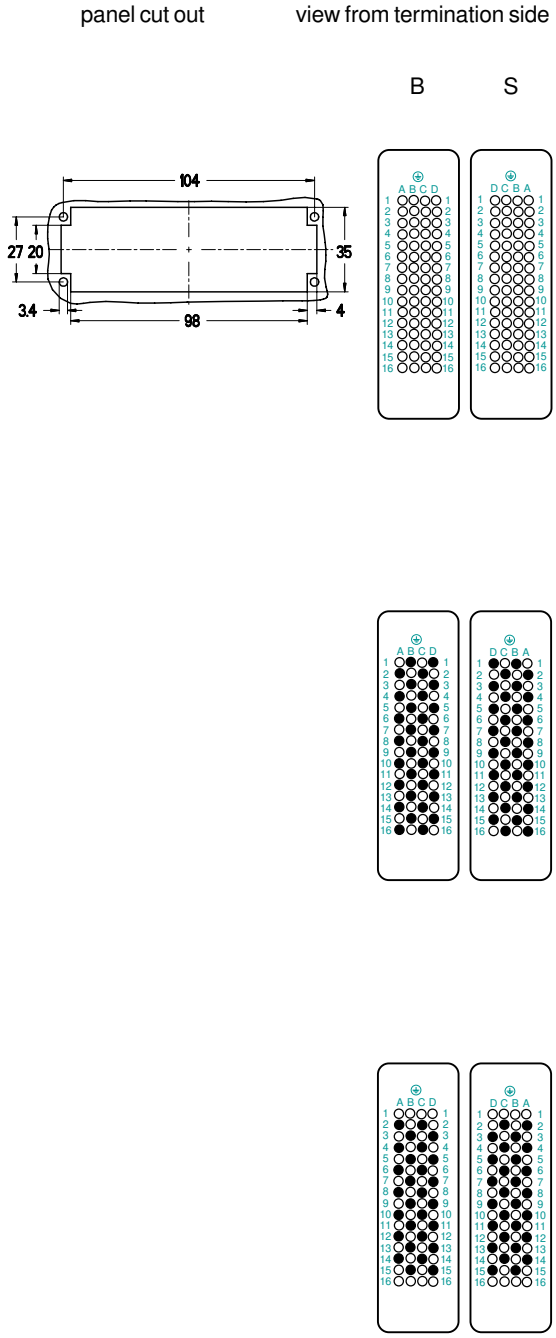
4

Description	Part No.	<b>Series D</b> <b>40 P +</b>  10 A / 250 V UL/CSA: 600 V	  9 EAN-No. 4015609...
<b>Crimp contact carriers</b>		 	10 64      031498
<b>Contact carrier</b> for sleeve contacts	<b>720 340</b>	 	10 57      031559
<b>Contact carrier</b> for pin contacts	<b>720 440</b>	<p>panel cut out      view from termination side</p>  <div style="display: flex; justify-content: space-around;"> <div data-bbox="1061 784 1149 1019"> <p>B</p>  </div> <div data-bbox="1181 784 1268 1019"> <p>S</p>  </div> </div> <p>D 40 complete with 40 contacts                      rated voltage: 250 V</p> <p>B: Female insert</p> <p>D 40 modified: <b>D 20 pole + PE</b></p> <p>D 40 with 20 contacts                      rated voltage: 400 V</p> <p>D 40 modified: <b>D 16 pole + PE</b></p> <p>D 40 with 16 contacts                      rated voltage: 500 V</p> <p style="text-align: center;">  working contact                         without contact                 </p>	





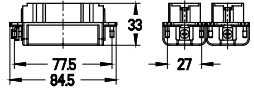

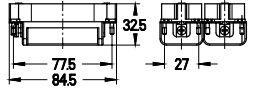
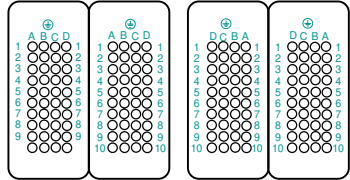
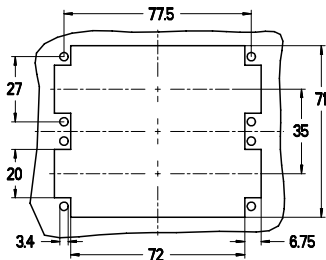
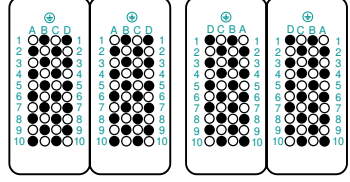
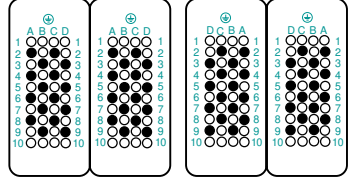
Description	Part No.		Series D	40 P +		EAN-No. 4015609...
<b>Contacts</b>				conductor size marked by z		
<b>Sleeve contacts D</b>	silver-plated	gold-plated			<b>100</b>	
crimp-type	<b>720 506</b>	720 686	1	0,14 - 0,37 mm <sup>2</sup>	65	<b>031603</b>
solid, drilled	<b>720 507</b>	720 687	2	0,5 mm <sup>2</sup>	68	<b>031610</b>
weight per 100	<b>720 508</b>	720 688	3	0,75 - 1 mm <sup>2</sup>	70	<b>031627</b>
	<b>720 509</b>	720 689	4	1,5 mm <sup>2</sup>	72	<b>031634</b>
	<b>720 502</b>	720 690	5	2,5 mm <sup>2</sup>	62	<b>031573</b>
<b>Pin contacts D</b>	silver-plated	gold-plated			<b>100</b>	
crimp-type	<b>720 516</b>	720 691	1	0,14 - 0,37 mm <sup>2</sup>	60	<b>031672</b>
solid, drilled	<b>720 517</b>	720 692	2	0,5 mm <sup>2</sup>	63	<b>031689</b>
weight per 100	<b>720 518</b>	720 693	3	0,75 - 1 mm <sup>2</sup>	65	<b>031696</b>
	<b>720 519</b>	720 694	4	1,5 mm <sup>2</sup>	67	<b>031702</b>
	<b>720 512</b>	720 695	5	2,5 mm <sup>2</sup>	70	<b>031641</b>
<b>Sleeve contact</b>					<b>100</b>	
glass fibre cable for plastic cable	720 520			POF* Ø 1 mm	89	157839
solid, drilled						
weight per 100						
<b>Pin contact</b>					<b>100</b>	
glass fibre cable for plastic cable	720 530			POF* Ø 1 mm	74	157846
solid, drilled						
weight per 100						
				*POF= Polymer Optical Fibre		
<b>Wiring adapters</b>						
<b>Female insert</b>						
earth pin left	<b>720 633</b>				<b>10</b>	
0,2 - 2,5 mm <sup>2</sup> (26-14 AWG)					64	031818
<b>Male insert</b>					<b>10</b>	
earth pin left	<b>720 632</b>				54	031801
0,2 - 2,5 mm <sup>2</sup> (26-14 AWG)						
<b>Combi snap element</b>					<b>10</b>	
2 pieces per adapter needed	<b>710 807</b>				4	029617

Description	Part No.		<b>Series D</b> <b>50 P +</b> 10 A / 250 V UL/CSA: 600 V	  9	EAN-No. 4015609...
<b>Crimp contact carriers</b>					
<b>Contact carrier</b> for sleeve contacts	<b>2 x 720 325</b>		 	<b>10</b> 36	031481
Please order crimp contacts and contacts for glass fibre cables separately					
<b>Contact carrier</b> for pin contacts	<b>2 x 720 425</b>		 	<b>10</b> 34	031542
Please order crimp contacts and contacts for glass fibre cables separately					
<b>Contact arrangement</b> D 50 complete with 50 contacts rated voltage: 250 V  B: Female insert S: Male insert			panel cut out      view from termination side   		
D 50 modified: <b>D 22 pole + PE</b>  D 50 with 2 x 11 contacts rated voltage: 500 V			  ● working contact      ○ without contact		
<b>Contacts</b>  <b>Sleeve contacts D</b>			conductor size marked by z   z	<b>100</b>	
crimp-type solid, drilled weight per 100	silver-plated <b>720 506</b> <b>720 507</b> <b>720 508</b> <b>720 509</b> <b>720 502</b>	gold-plated 720 686 720 687 720 688 720 689 720 690	1 0,14 - 0,37 mm <sup>2</sup> 2 0,5 mm <sup>2</sup> 3 0,75 - 1 mm <sup>2</sup> 4 1,5 mm <sup>2</sup> 5 2,5 mm <sup>2</sup>	26 - 22 AWG 20 AWG 19 - 18 AWG 16 AWG 14 AWG	65 <b>031603</b> 68 <b>031610</b> 70 <b>031627</b> 72 <b>031634</b> 62 <b>031573</b>
<b>Pin contacts D</b> crimp-type solid, drilled weight per 100	silver-plated <b>720 516</b> <b>720 517</b> <b>720 518</b> <b>720 519</b> <b>720 512</b>	gold-plated 720 691 720 692 720 693 720 694 720 695	1 0,14 - 0,37 mm <sup>2</sup> 2 0,5 mm <sup>2</sup> 3 0,75 - 1 mm <sup>2</sup> 4 1,5 mm <sup>2</sup> 5 2,5 mm <sup>2</sup>	26 - 22 AWG 20 AWG 19 - 18 AWG 16 AWG 14 AWG	60 <b>031672</b> 63 <b>031689</b> 65 <b>031696</b> 67 <b>031702</b> 70 <b>031641</b>
<b>Sleeve contact</b> glass fibre cable for plastic cable solid, drilled weight per 100	720 520		 POF* Ø 1 mm	<b>100</b> 89	157839
<b>Pin contact</b> glass fibre cable for plastic cable solid, drilled weight per 100	720 530		 POF* Ø 1 mm	<b>100</b> 74	157846

Description	Part No.	<b>Series D</b> <b>64 P + PE</b> 10 A / 250 V UL/CSA: 600 V	 EAN-No. 4015609...
<b>Crimp contact carriers</b>			10 83      031504
<b>Contact carrier</b> for sleeve contacts	<b>720 364</b>		10 68      031566
<b>Contact carrier</b> for pin contacts	<b>720 464</b>	<p>panel cut out      view from termination side</p>  <p>B      S</p>	
<b>Contact arrangement</b> D 64 complete with with 64 contacts rated voltage: 250 V  B: Female insert S: Male insert			
D 64 modified: <b>D 32 pole + PE</b>  D 64 with 32 contacts rated voltage: 400 V			
D 64 modified: <b>D 28 pole + PE</b>  D 64 with 28 contacts rated voltage: 500 V			















● working contact    ○ without contact

Description	Part No.		Series D	64 P +		EAN-No. 4015609...
				10 A / 250 V UL/CSA: 600 V		
<b>Contacts</b>				conductor size marked by z		
<b>Sleeve contacts D</b>	silver-plated	gold-plated			100	
crimp-type	<b>720 506</b>	720 686		1 0,14 - 0,37 mm <sup>2</sup>	26 - 22 AWG	65 <b>031603</b>
solid, drilled	<b>720 507</b>	720 687		2 0,5 mm <sup>2</sup>	20 AWG	68 <b>031610</b>
weight per 100	<b>720 508</b>	720 688		3 0,75 - 1 mm <sup>2</sup>	19 - 18 AWG	70 <b>031627</b>
	<b>720 509</b>	720 689		4 1,5 mm <sup>2</sup>	16 AWG	72 <b>031634</b>
	<b>720 502</b>	720 690		5 2,5 mm <sup>2</sup>	14 AWG	62 <b>031573</b>
<b>Pin contacts D</b>	silver-plated	gold-plated			100	
for crimp-type	<b>720 516</b>	720 691		1 0,14 - 0,37 mm <sup>2</sup>	26 - 22 AWG	60 <b>031672</b>
solid, drilled	<b>720 517</b>	720 692		2 0,5 mm <sup>2</sup>	20 AWG	63 <b>031689</b>
weight per 100	<b>720 518</b>	720 693		3 0,75 - 1 mm <sup>2</sup>	19 - 18 AWG	65 <b>031696</b>
	<b>720 519</b>	720 694		4 1,5 mm <sup>2</sup>	16 AWG	67 <b>031702</b>
	<b>720 512</b>	720 695		5 2,5 mm <sup>2</sup>	14 AWG	70 <b>031641</b>
<b>Sleeve contact</b>					100	
glass fibre cable for plastic cable	720 520			POF* Ø 1 mm	89	157839
solid, drilled						
weight per 100						
<b>Pin contact</b>					100	
glass fibre cable for plastic cable	720 530			POF* Ø 1 mm	74	157846
solid, drilled						
weight per 100						
				*POF= Polymer Optical Fibre		
<b>Wiring adapters</b>						
<b>Female insert</b>					10	
earth pin left	<b>720 635</b>				82	031832
0,2 - 2,5 mm <sup>2</sup> (26-14 AWG)						
<b>Male insert</b>					10	
earth pin left	<b>720 634</b>				67	031825
0,2 - 2,5 mm <sup>2</sup> (26-14 AWG)						
<b>Combi snap element</b>					10	
2 pieces per adapter needed	<b>710 807</b>				4	029617

Description	Part No.	<b>Series D</b> <b>80 P + ⊕</b> 10 A / 250 V UL/CSA: 600 V	 EAN-No. 4015609...
<b>Crimp contact carriers</b>		 	10 64      031498
<b>Contact carrier</b> for sleeve contacts <b>2 x 720 340</b>	Please order crimp contacts and contacts for glass fibre cables separately	 	10 54      031559
<b>Contact carrier</b> for pin contacts <b>2 x 720 440</b>	Please order crimp contacts and contacts for glass fibre cables separately	<p>panel cut out      view from termination side</p> <p>B      S</p>  	
<b>D 80 modified: D 40.1 pole + PE ⊕</b>			
D 80 with 2 x 20 contacts Rated voltage: 400 V			
<b>D 80 modified: D 32.1 pole + PE ⊕</b>		 <p>● working contact ○ without contact</p>	
D 80 with 2 x 16 contacts Rated voltage: 500 V			

Description		Part No.		Series D 80 P +			  EAN-No. 4015609...	
<b>Contacts</b>				conductor size marked by z				
<b>Sleeve contacts D</b>		silver-plated	gold-plated				<b>100</b>	
crimp-type	<b>720 506</b>		720 686	1	0,14 - 0,37 mm <sup>2</sup>	26 - 22 AWG	65	<b>031603</b>
solid, drilled	<b>720 507</b>		720 687	2	0,5 mm <sup>2</sup>	20 AWG	68	<b>031610</b>
weight per 100	<b>720 508</b>		720 688	3	0,75 - 1 mm <sup>2</sup>	19 - 18 AWG	70	<b>031627</b>
	<b>720 509</b>		720 689	4	1,5 mm <sup>2</sup>	16 AWG	72	<b>031634</b>
	<b>720 502</b>		720 690	5	2,5 mm <sup>2</sup>	14 AWG	62	<b>031573</b>
<b>Pin contacts D</b>		silver-plated	gold-plated				<b>100</b>	
crimp-type	<b>720 516</b>		720 691	1	0,14 - 0,37 mm <sup>2</sup>	26 - 22 AWG	60	<b>031672</b>
solid, drilled	<b>720 517</b>		720 692	2	0,5 mm <sup>2</sup>	20 AWG	63	<b>031689</b>
weight per 100	<b>720 518</b>		720 693	3	0,75 - 1 mm <sup>2</sup>	19 - 18 AWG	65	<b>031696</b>
	<b>720 519</b>		720 694	4	1,5 mm <sup>2</sup>	16 AWG	67	<b>031702</b>
	<b>720 512</b>		720 695	5	2,5 mm <sup>2</sup>	14 AWG	70	<b>031641</b>
<b>Sleeve contact</b>		glass fibre cable for plastic cable 720 520		POF* Ø 1 mm			<b>100</b>	
solid, drilled							89	
weight per 100							157839	
<b>Pin contact</b>		glass fibre cable for plastic cable 720 530		POF* Ø 1 mm			<b>100</b>	
solid, drilled							74	
weight per 100							157846	

Description	Part No.	<b>Series D</b> <b>128 P +</b> 10 A / 250 V UL/CSA: 600 V	  EAN-No. 4015609...
<b>Crimp contact carriers</b>			10 82    031504
<b>Contact carrier</b> for sleeve contacts <b>2 x 720 364</b>	Please order crimp contacts and contacts for plastic cables separately		10 67    031566
<b>Contact carrier</b> for pin contacts <b>2 x 720 464</b>	Please order crimp contacts and contacts for plastic cables separately	<p>panel cut out    view from termination side</p> <p>B    S</p>	
<b>D 128 modified: D 64.1 pole + PE</b>			
D 128 with 2 x 32 contacts rated voltage: 400 V			
<b>D 128 modified: D 56 pole + PE</b>		<p>● working contact ○ without contact</p>	

Description	Part No.		Series D	128 P + $\oplus$	 	EAN-No. 4015609...
<b>Contacts</b>				conductor size marked by z		
<b>Sleeve contacts D</b>	silver-plated	gold-plated			100	
crimp-type	<b>720 506</b>	720 686		1 0,14 - 0,37 mm <sup>2</sup> 26 - 22 AWG	65	<b>031603</b>
solid, drilled	<b>720 507</b>	720 687		2 0,5 mm <sup>2</sup> 20 AWG	68	<b>031610</b>
weight per 100	<b>720 508</b>	720 688		3 0,75 - 1 mm <sup>2</sup> 19 - 18 AWG	70	<b>031627</b>
	<b>720 509</b>	720 689		4 1,5 mm <sup>2</sup> 16 AWG	72	<b>031634</b>
	<b>720 502</b>	720 690		5 2,5 mm <sup>2</sup> 14 AWG	62	<b>031573</b>
<b>Pin contacts D</b>	silver-plated	gold-plated			100	
crimp-type	<b>720 516</b>	720 691		1 0,14 - 0,37 mm <sup>2</sup> 26 - 22 AWG	60	<b>031672</b>
solid, drilled	<b>720 517</b>	720 692		2 0,5 mm <sup>2</sup> 20 AWG	63	<b>031689</b>
price and weight per 100	<b>720 518</b>	720 693		3 0,75 - 1 mm <sup>2</sup> 19 - 18 AWG	65	<b>031696</b>
	<b>720 519</b>	720 694		4 1,5 mm <sup>2</sup> 16 AWG	67	<b>031702</b>
	<b>720 512</b>	720 695		5 2,5 mm <sup>2</sup> 14 AWG	70	<b>031641</b>
<b>Sleeve contact</b>					100	
glass fibre cable for plastic cable	720 520			POF* Ø 1 mm	89	157839
solid, drilled						
weight per 100						
<b>Pin contact</b>					100	
glass fibre cable for plastic cable	720 530			POF* Ø 1 mm	74	157846
solid, drilled						
weight per 100						