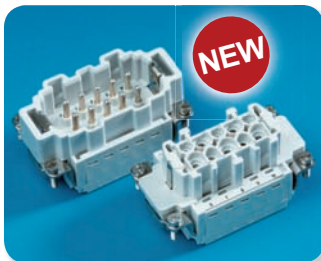


## Series B 6 - B 48 and BB 10 - BB 92

### Series B 6 - B 24 with new housing design



### Series B 6 - B 48 with push-in terminals



### Termination methods available with series B:

- Screw terminal inserts
- Contact carriers for crimp contacts
- Inserts with insulation displacement connection (IDC) for considerable time saving during installation.
- Push-in terminals

### Screw terminal inserts

are available either with or without **wire protection**. This wire protection **saves the time-consuming crimping of wire-end ferrules**.



Of course, all WALTHER contacts are provided with open, captive screws.

### Locking systems:

- Series **B 6** and **B 48**: only with **single locking system**
- Series **B 32**: only with **double locking system**
- Series **B 10, B 16, B 24**: both locking types possible



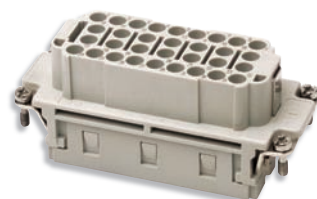
### Housings of series B 6 - B 24: More possibilities with exchangeable locking levers

Easy and cost-saving exchange of single and double locking levers in case of damage or material fatigue.

Just press replacement lever in axial direction onto the bolts until they lock in place.



### Series BB 10 - BB 92



Series BB has only contact carriers for crimp contacts.

### Attachable rubber flange gasket for series B 6, B 10, B 16, B 24

- reduced mounting time
- optimum handling
- quick switch cabinet mounting



### Series B 6 - B 24

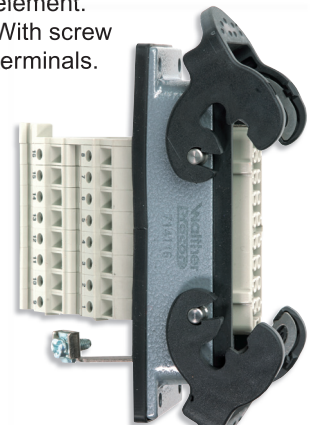
If connectors have to be disconnected frequently, wall-mount or panel housings with hinged spring cover and single locking system should be used.



Thus also data connectors are protected against harsh industrial environments. Mounting of data connectors in aluminium housings is made possible by adapter plates.

### Wiring adapters

mounted directly into the panel housing - as cost-saving switch cabinet feed-through and space-saving connection element. With screw terminals.

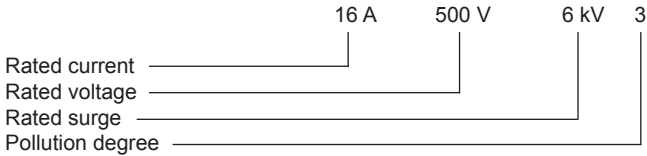


# Series B

## Specifications

- Regulations:** DIN VDE 0627, DIN VDE 0110, DIN EN 61 984
- Approvals:** UR, CSA, SEV, MEIE, EZÚ
- Number of poles:** 6, 10, 16, 24, 32 (2 x 16), 48 (2 x 24) + PE

**Electrical Data acc. to DIN EN 61 984:**



Rated voltage acc. to UL/CSA: 600 V  
(Table with rated surges see chapter "Information")

- Material:** Glass-fibre reinforced polyamide  
**Temperature range:** - 40 °C up to + 125 °C  
**Flame class rating acc. to UL94:** V 0  
**Mechanical operating life:** ≥ 500 mating cycles

**Contacts**

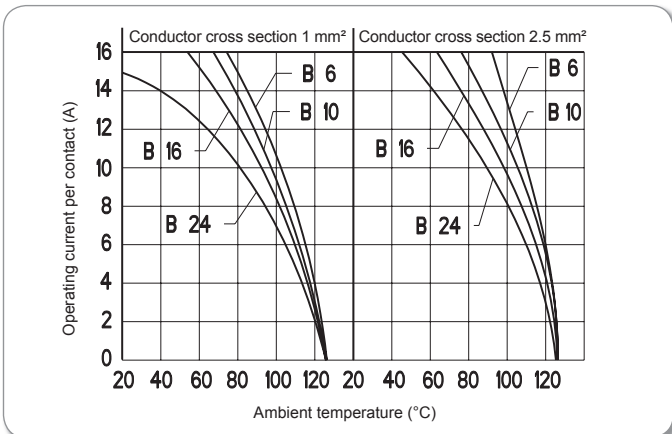
- Material:** copper alloy  
**Surface:** • hard silver plated: 3 µm Ag  
 • hard gold plated: 2 µm Au over 3 µm Ni

- Contact resistance:** ≤ 1 m Ω
- Screw type terminal with wire protection:** 2.5 mm<sup>2</sup> (14 AWG)
- Screw type terminal without wire protection:** 4 mm<sup>2</sup> (12 AWG)
- Torque/testing torque:** 0.5 Nm
- Crimp type terminal:** 0.5 - 4 mm<sup>2</sup> (20 - 12) AWG
- Wire stripping length:** 7 mm with screw and crimp contacts
- IDC terminals:** 0.5 - 2.5 mm<sup>2</sup> (20 - 14 AWG)

**Application hint:**

**Heavy duty connectors are electrical devices which must not be connected or disconnected under load!**

The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can - depending on ambient temperature and conductor size - circulate through each contact without exceeding the upper limiting temperature.



Page

**B 6-pole + ⚡**

**Inserts** 22 - 23

- Short overview see page 106
- Matching housings see page 107 - 109



**B 10-pole + ⚡**

**Inserts** 24 - 25

- Short overview see page 110
- Matching housings see page 111 - 117



**B 16-pole + ⚡**

**Inserts** 26 - 27

- Short overview see page 118
- Matching housings see page 119 - 126



**B 24-pole + ⚡**

**Inserts** 28 - 29

- Short overview see page 128
- Matching housings see page 129 - 135



**B 32-pole + ⚡**

**Inserts** 30 - 31

- Short overview see page 136
- Matching housings see page 137 - 138



**B 48-pole + ⚡**

**Inserts** 32 - 33

- Short overview see page 140
- Matching housings see page 141



# Series BB

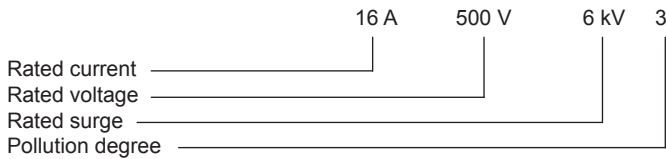
## Specifications

**Regulations:** DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

**Approvals:** UR, CSA, SEV, MEIE, EZÚ

**Number of poles:** 10, 18, 32, 46, 64, 92

**Electrical Data acc. to DIN EN 61 984:**



Rated voltage acc. to UL/CSA: 600 V  
(Table with rated surges see chapter "Information")

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: ≥ 500 mating cycles

**Contacts**

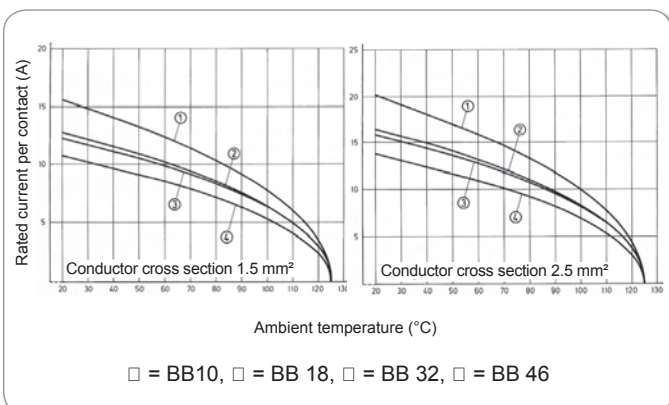
Material: copper alloy  
 Surface - hard silver plated: 3 µm Ag  
 - hard gold plated: 2 µm Au over 3 µm Ni

Contact resistance: ≤ 1 m Ω  
 Crimp type terminal: 0.5 - 4 mm<sup>2</sup> (20 - 12) AWG  
 Wire stripping length: 7 mm

**Application hint:**

Industrial connectors are electrical devices which must not be connected or disconnected under load!

The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can - depending on ambient temperature and conductor size - circulate through each contact without exceeding the upper limiting temperature.



Page

**BB 10-pole + ⊕**

Inserts 23

- Short overview see page 106
- Matching housings see page 107 - 109



**BB 18-pole + ⊕**

Inserts 25

- Short overview see page 110
- Matching housings see page 111 - 117



**BB 32-pole + ⊕**

Inserts 27

- Short overview see page 118
- Matching housings see page 119 - 126



**BB 46-pole + ⊕**

Inserts 29

- Short overview see page 128
- Matching housings see page 129 - 135



**BB 64-pole + ⊕**

Inserts 31

- Short overview see page 136
- Matching housings see page 137 - 138



**BB 92-pole + ⊕**

Inserts 33

- Short overview see page 140
- Matching housings see page 141





**Series B**

**6 P + ⊕**

16 A / 500 V

UL/CSA: 600 V



Description

Part no.

Terminal cross section

**Screw terminal inserts**

**Female inserts**

Screw terminals

**with wire protection**

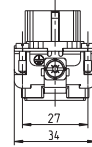
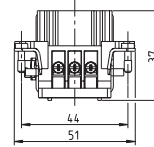
**710 106**

0.5-2.5 mm<sup>2</sup> (20-14 AWG)

**without wire protection**

**710 769**

0.5-4 mm<sup>2</sup> (20-12 AWG)



10  
52  
49

**Male inserts**

Screw terminals

**with wire protection**

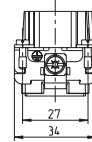
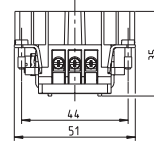
**710 206**

0.5-2.5 mm<sup>2</sup> (20-14 AWG)

**without wire protection**

**710 773**

0.5-4 mm<sup>2</sup> (20-12 AWG)



10  
50  
47

**Wiring adapters**

**Female inserts**

Screw terminals

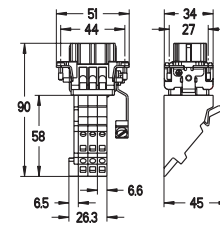
Earth pin on the right

**710 657**

0.5-2.5 mm<sup>2</sup> (20-14 AWG)

Earth pin on the left

**710 661**



10  
84  
84

**Male inserts**

Screw terminals

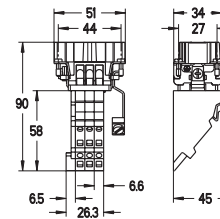
Earth pin on the right

**710 665**

0.5-2.5 mm<sup>2</sup> (20-14 AWG)

Earth pin on the left

**710 669**



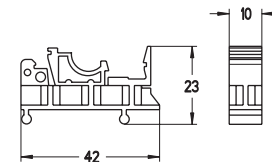
10  
85  
85

**Combi snap element**

for DIN-rail mounting

**710 807**

1 piece required per adapter



10  
4

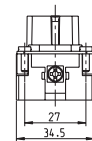
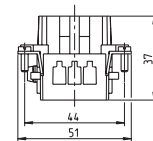
**IDC terminal inserts**

**Female insert**

IDC terminals

**710 106 01**

0.5-2.5 mm<sup>2</sup> (20-14 AWG)



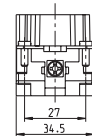
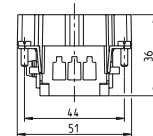
10  
56

**Male inserts**

IDC terminals

**710 206 01**

0.5-2.5 mm<sup>2</sup> (20-14 AWG)



10  
56

**Push-in terminal inserts**

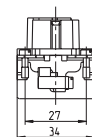
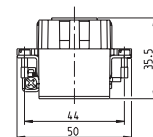
**NEW**

**Female insert**

Push-in terminals

**710 106 04**

0.5-2.5 mm<sup>2</sup> (20-14 AWG)



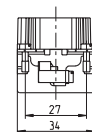
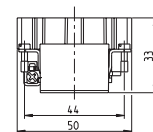
10  
51

**Male insert**

Push-in terminals

**710 206 04**

0.5-2.5 mm<sup>2</sup> (20-14 AWG)



10  
50

**Coding pin**

for insertion into the coding grooves



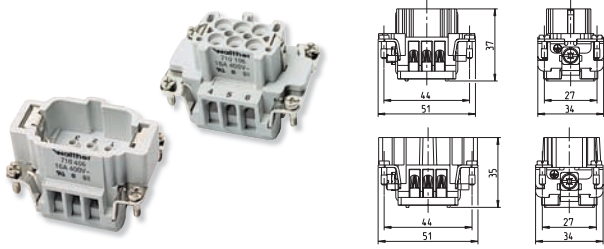

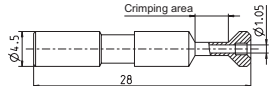

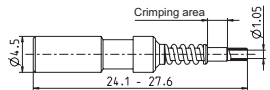



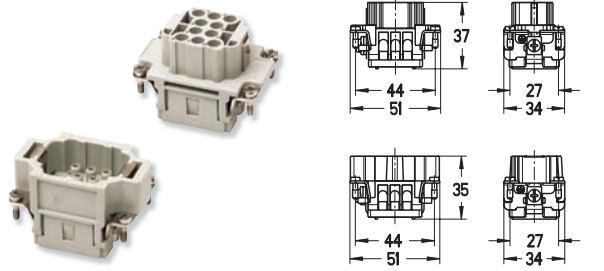
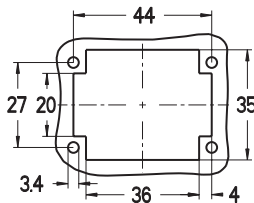
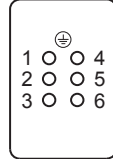
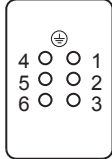
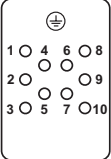
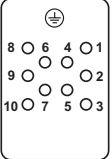

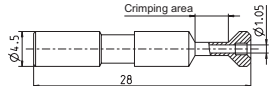

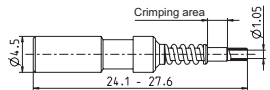



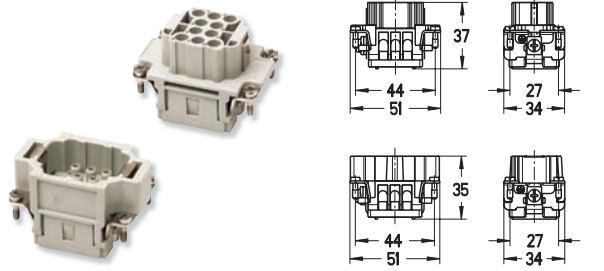
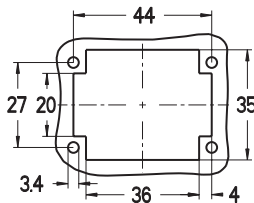
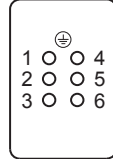
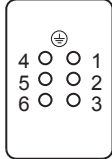
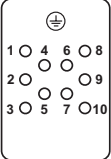
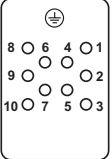
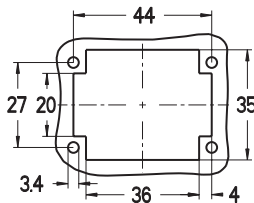
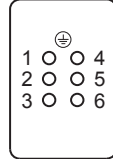
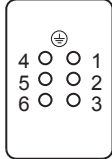
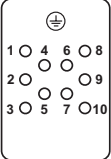
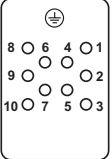

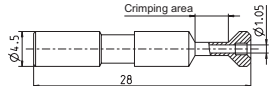

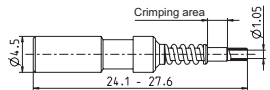



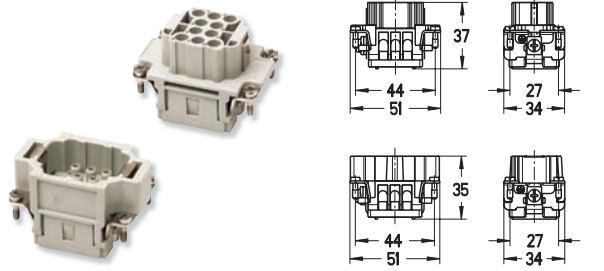
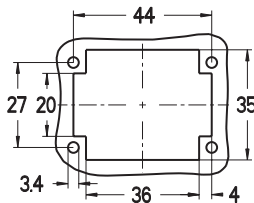
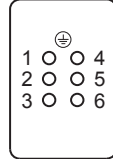
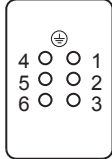
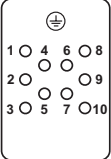
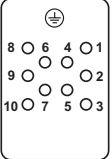
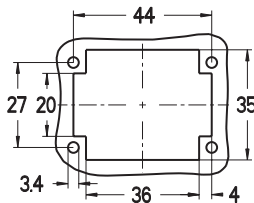
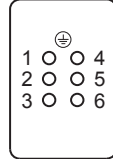
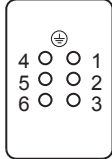
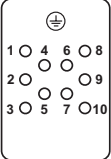
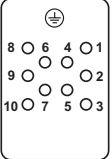
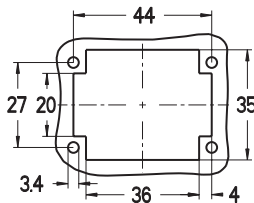
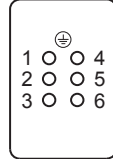
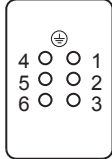
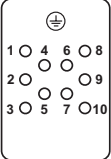
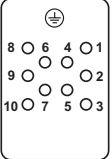
**710 607**





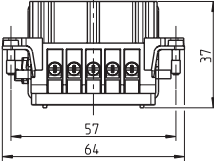
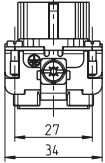

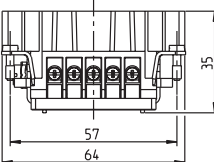
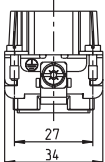

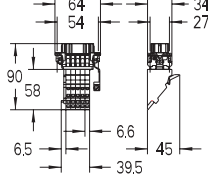

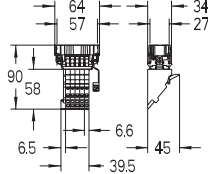
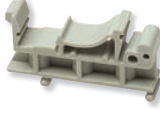
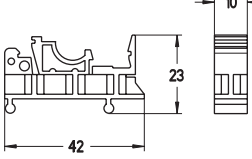

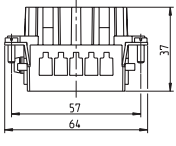
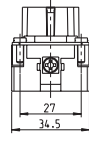

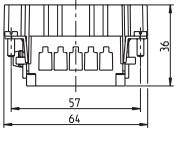
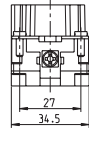

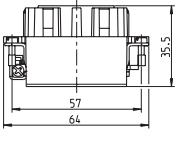
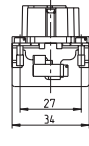

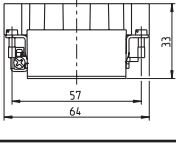
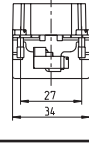






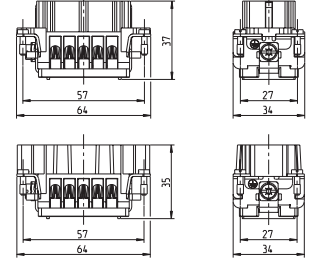


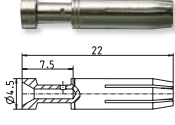



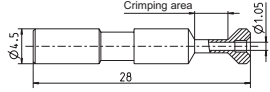

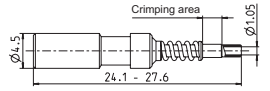




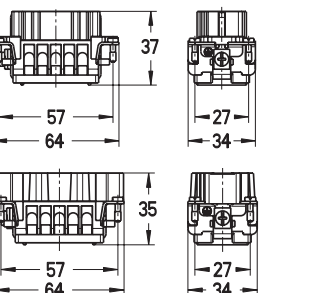


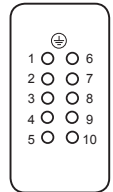
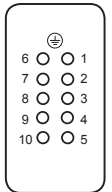


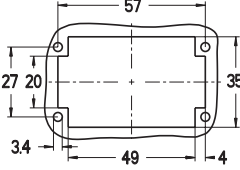
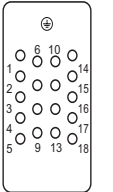
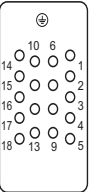
*B 6 inserts can be equipped with max. 2 coding pins*

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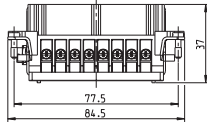
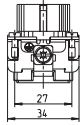

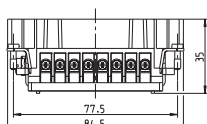
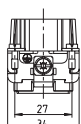
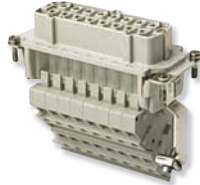
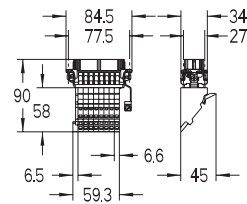
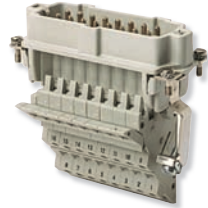
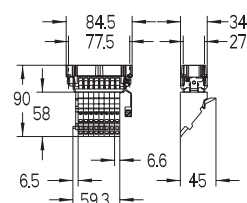
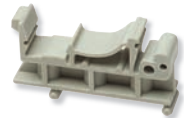
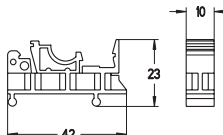

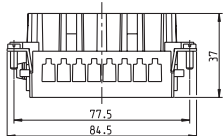
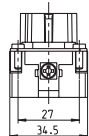

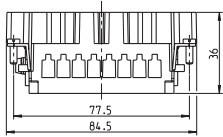
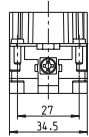

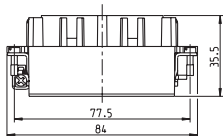
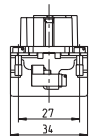

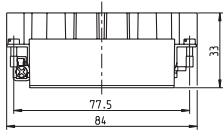
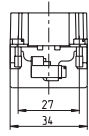






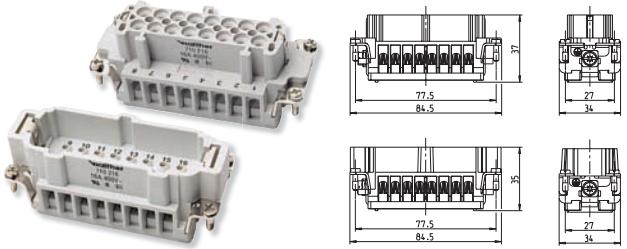

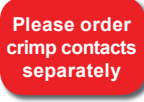

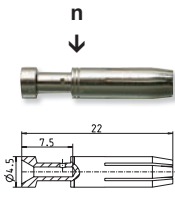

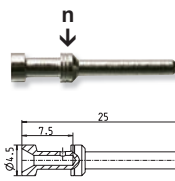

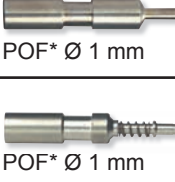

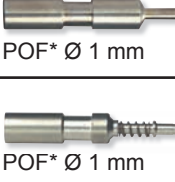

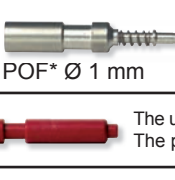






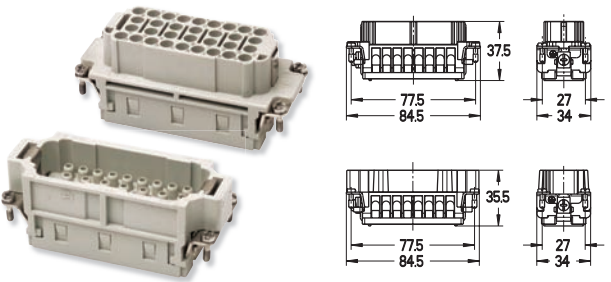

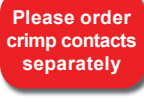

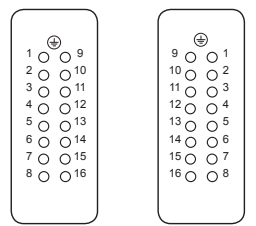
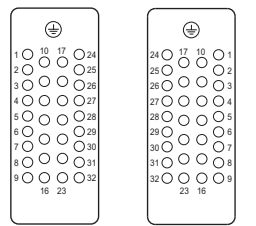
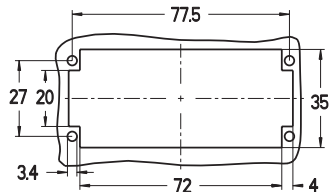

Description	Part no.		Series B	6 P + ⊕	16 A / 500 V UL/CSA: 600 V	 																																																																																																																																																																																																																																	
<b>Crimp contact carriers</b>																																																																																																																																																																																																																																							
<b>Contact carriers</b> for sleeve contacts	710 306	<div style="background-color: red; color: white; padding: 5px; border-radius: 10px; display: inline-block;">Please order crimp contacts separately</div>					10																																																																																																																																																																																																																																
<b>Contact carriers</b> for pin contacts	710 406						40																																																																																																																																																																																																																																
<b>Contacts for crimp contact carriers</b>			<table border="0"> <tr> <td></td> <td>Number of grooves =</td> <td>n</td> <td>Terminal cross sections indicated by grooves</td> <td></td> </tr> <tr> <td rowspan="8"> <b>Sleeve contacts for series B and BB</b>                       silver-plated gold-plated                      710 508 710 916                      710 504 710 842                      710 509 710 917                      crimp-type, solid, turned, weight per 100                      710 500 710 843                      710 501 710 844                      710 502 710 845                      710 503 710 846                 </td> <td></td> <td>n</td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>0.14-0.37 mm<sup>2</sup></td> <td>26-22 AWG</td> </tr> <tr> <td></td> <td>0</td> <td>0.5 mm<sup>2</sup></td> <td>20 AWG</td> </tr> <tr> <td></td> <td>1</td> <td>0.75 mm<sup>2</sup></td> <td>18 AWG</td> </tr> <tr> <td></td> <td>1</td> <td>1 mm<sup>2</sup></td> <td>18 AWG</td> </tr> <tr> <td></td> <td>2</td> <td>1.5 mm<sup>2</sup></td> <td>16 AWG</td> </tr> <tr> <td></td> <td>3</td> <td>2.5 mm<sup>2</sup></td> <td>14 AWG</td> </tr> <tr> <td></td> <td>0</td> <td>4.0 mm<sup>2</sup></td> <td>12 AWG</td> </tr> <tr> <td></td> <td></td> <td>n</td> <td></td> <td></td> </tr> <tr> <td rowspan="8"> <b>Pin contacts for series B and BB</b>                       silver-plated gold-plated                      710 518 710 918                      710 514 710 847                      710 519 710 919                      crimp-type, solid, turned, weight per 100                      710 510 710 848                      710 511 710 849                      710 512 710 850                      710 513 710 851                 </td> <td></td> <td>n</td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>0.14-0.37 mm<sup>2</sup></td> <td>26-22 AWG</td> </tr> <tr> <td></td> <td>0</td> <td>0.5 mm<sup>2</sup></td> <td>20 AWG</td> </tr> <tr> <td></td> <td>1</td> <td>0.75 mm<sup>2</sup></td> <td>18 AWG</td> </tr> <tr> <td></td> <td>1</td> <td>1 mm<sup>2</sup></td> <td>18 AWG</td> </tr> <tr> <td></td> <td>2</td> <td>1.5 mm<sup>2</sup></td> <td>16 AWG</td> </tr> <tr> <td></td> <td>3</td> <td>2.5 mm<sup>2</sup></td> <td>14 AWG</td> </tr> <tr> <td></td> <td>0</td> <td>4.0 mm<sup>2</sup></td> <td>12 AWG</td> </tr> <tr> <td></td> <td></td> <td>n</td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>0.14-0.37 mm<sup>2</sup></td> <td>26-22 AWG</td> <td>100</td> </tr> <tr> <td></td> <td>0</td> <td>0.5 mm<sup>2</sup></td> <td>20 AWG</td> <td>162</td> </tr> <tr> <td></td> <td>1</td> <td>0.75 mm<sup>2</sup></td> <td>18 AWG</td> <td>160</td> </tr> <tr> <td></td> <td>1</td> <td>1 mm<sup>2</sup></td> <td>18 AWG</td> <td>148</td> </tr> <tr> <td></td> <td>2</td> <td>1.5 mm<sup>2</sup></td> <td>16 AWG</td> <td>148</td> </tr> <tr> <td></td> <td>3</td> <td>2.5 mm<sup>2</sup></td> <td>14 AWG</td> <td>150</td> </tr> <tr> <td></td> <td>0</td> <td>4.0 mm<sup>2</sup></td> <td>12 AWG</td> <td>154</td> </tr> <tr> <td></td> <td></td> <td>n</td> <td></td> <td>165</td> </tr> <tr> <td></td> <td>0</td> <td>0.14-0.37 mm<sup>2</sup></td> <td>26-22 AWG</td> <td>100</td> </tr> <tr> <td></td> <td>0</td> <td>0.5 mm<sup>2</sup></td> <td>20 AWG</td> <td>125</td> </tr> <tr> <td></td> <td>1</td> <td>0.75 mm<sup>2</sup></td> <td>18 AWG</td> <td>124</td> </tr> <tr> <td></td> <td>1</td> <td>1 mm<sup>2</sup></td> <td>18 AWG</td> <td>128</td> </tr> <tr> <td></td> <td>2</td> <td>1.5 mm<sup>2</sup></td> <td>16 AWG</td> <td>128</td> </tr> <tr> <td></td> <td>3</td> <td>2.5 mm<sup>2</sup></td> <td>14 AWG</td> <td>132</td> </tr> <tr> <td></td> <td>0</td> <td>4.0 mm<sup>2</sup></td> <td>12 AWG</td> <td>132</td> </tr> <tr> <td></td> <td></td> <td>n</td> <td></td> <td>134</td> </tr> <tr> <td><b>Sleeve contact</b> Optical waveguide for POF solid, turned</td> <td>710 521</td> <td>Weight per 100</td> <td></td> <td></td> <td>100 89</td> </tr> <tr> <td><b>Pin contact</b> Optical waveguide for POF solid, turned</td> <td>710 531</td> <td>Weight per 100</td> <td></td> <td></td> <td>100 74</td> </tr> <tr> <td><b>Coding pin</b></td> <td>700 734</td> <td></td> <td></td> <td>The use of a coding pin prevents confusion of equal connectors. 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Description	Part no.	Terminal cross section	<b>Series B</b> <b>10 P +</b>  16 A / 500 V UL/CSA: 600 V	  9
<b>Screw terminal inserts</b>				
<b>Female inserts</b> Screw terminals			  	
with wire protection	<b>710 110</b>	0.5-2.5 mm <sup>2</sup> (20-14 AWG)		10
without wire protection	710 770	0.5-4 mm <sup>2</sup> (20-12 AWG)		69
<b>Male inserts</b> Screw terminals			  	
with wire protection	<b>710 210</b>	0.5-2.5 mm <sup>2</sup> (20-14 AWG)		10
without wire protection	710 774	0.5-4 mm <sup>2</sup> (20-12 AWG)		65
<b>Wiring adapters</b>				
<b>Female inserts</b> Screw terminals			 	
Earth pin on the right	<b>710 658</b>	0.5-2.5 mm <sup>2</sup> (20-14 AWG)		10
Earth pin on the left	<b>710 662</b>			122
<b>Male inserts</b> Screw terminals			 	
Earth pin on the right	<b>710 666</b>	0.5-2.5 mm <sup>2</sup> (20-14 AWG)		10
Earth pin on the left	<b>710 670</b>			124
<b>Combi snap element</b> for DIN-rail mounting			 	
2 pieces required per adapter	<b>710 807</b>			10
<b>IDC terminal inserts</b>				
<b>Female insert</b> IDC terminals			  	
710 110 01	<b>710 110 01</b>	0.5-2.5 mm <sup>2</sup> (20-14 AWG)		10
74				74
<b>Male insert</b> IDC terminals			  	
710 210 01	<b>710 210 01</b>	0.5-2.5 mm <sup>2</sup> (20-14 AWG)		10
74				74
<b>Push-in terminal inserts</b>				
<b>Female insert</b> Push-in terminals			  	
710 110 04	<b>710 110 04</b>	0.5-2.5 mm <sup>2</sup> (20-14 AWG)		10
66				66
<b>Male insert</b> Push-in terminals			  	
710 210 04	<b>710 210 04</b>	0.5-2.5 mm <sup>2</sup> (20-14 AWG)		10
64				64
<b>Coding pin</b> for insertion into the coding grooves			 B 10 inserts can be equipped with max. 2 coding pins	
710 607	<b>710 607</b>			10
				1

Description		Part no.	Series B 10 P + $\oplus$		 	
			16 A / 500 V UL/CSA: 600 V			
<b>Crimp contact carriers</b>			 		 	
<b>Contact carriers</b> for sleeve contacts		710 310				<div style="background-color: red; color: white; padding: 5px; border-radius: 10px; display: inline-block;">Please order crimp contacts separately</div>
<b>Contact carriers</b> for pin contacts		710 410		10 46		
<b>Contacts for crimp contact carriers</b>			Number of grooves = <b>n</b> 		 	
<b>Sleeve contacts for series B and BB</b>		silver-plated 710 508 gold-plated 710 918 710 504 710 842 710 509 710 917 crimp-type, 710 500 solid, turned, 710 501 weight per 100 710 502 710 845 710 503 710 846	<b>n</b> 0 0 1 1 2 3 0	<b>Terminal cross sections indicated by grooves</b> 0.14-0.37 mm <sup>2</sup> 26-22 AWG 0.5 mm <sup>2</sup> 20 AWG 0.75 mm <sup>2</sup> 18 AWG 1 mm <sup>2</sup> 18 AWG 1.5 mm <sup>2</sup> 16 AWG 2.5 mm <sup>2</sup> 14 AWG 4.0 mm <sup>2</sup> 12 AWG		100 162 160 148 148 150 154 165
<b>Pin contacts for series B and BB</b>		silver-plated 710 518 gold-plated 710 918 710 514 710 847 710 519 710 919 crimp-type, 710 510 solid, turned, 710 511 weight per 100 710 512 710 850 710 513 710 851	<b>n</b> 0 0 1 1 2 3 0	<b>Terminal cross sections indicated by grooves</b> 0.14-0.37 mm <sup>2</sup> 26-22 AWG 0.5 mm <sup>2</sup> 20 AWG 0.75 mm <sup>2</sup> 18 AWG 1 mm <sup>2</sup> 18 AWG 1.5 mm <sup>2</sup> 16 AWG 2.5 mm <sup>2</sup> 14 AWG 4.0 mm <sup>2</sup> 12 AWG	100 125 124 128 128 132 132 134	
<b>Sleeve contact</b> Optical waveguide for POF solid, turned		710 521	Weight per 100	 POF* Ø 1 mm	 Crimping area Ø 1.05 28	100 89
<b>Pin contact</b> Optical waveguide for POF solid, turned		710 531	Weight per 100	 POF* Ø 1 mm	 Crimping area Ø 1.05 24.1 - 27.6	100 74
<b>Coding pin</b>		700 734			The use of a coding pin prevents confusion of equal connectors. The pin contact opposite to the coding pin is not equipped.	10 1
Description		Part no.	Series BB 18 P + $\oplus$		 	
			16 A / 500 V UL/CSA: 600 V			
<b>Crimp contact carriers</b>			 		 	
<b>Contact carriers</b> for sleeve contacts		710 318				<div style="background-color: red; color: white; padding: 5px; border-radius: 10px; display: inline-block;">Please order crimp contacts separately</div>
<b>Contact carriers</b> for pin contacts		710 418		10 47		
<b>Contact arrangement</b>			<b>Series B 10</b> Female insert    Male insert  		 	
Panel cut-out:			<b>Series BB 18</b> Female insert    Male insert  			


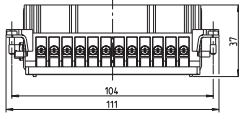
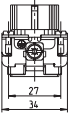

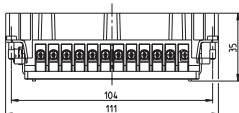
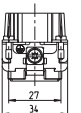
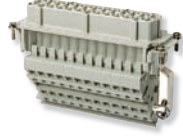
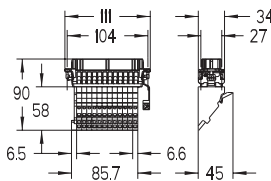
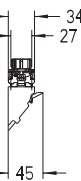

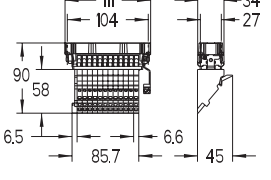
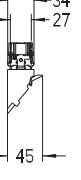

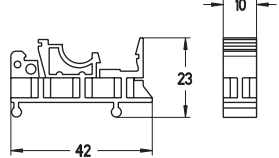

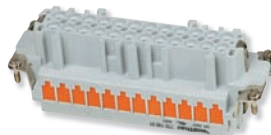
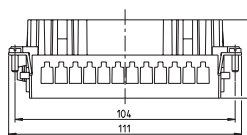
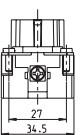
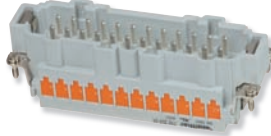
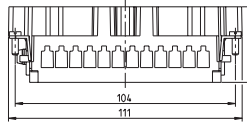
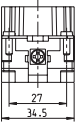
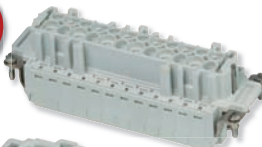
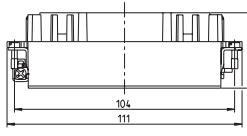
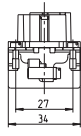
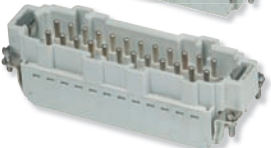
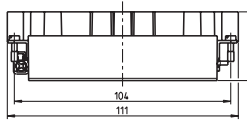
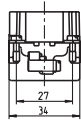



Description	Part no.	Terminal cross section	<b>Series B</b> <b>16 P +</b>  16 A / 500 V UL/CSA: 600 V	  9
<b>Screw terminal inserts</b>				
<b>Female inserts</b> Screw terminals				
with wire protection	<b>710 116</b>	0.5-2.5 mm <sup>2</sup> (20-14 AWG)	  	10 94
without wire protection	710 771	0.5-4 mm <sup>2</sup> (20-12 AWG)		90
<b>Male inserts</b> Screw terminals				
with wire protection	<b>710 216</b>	0.5-2.5 mm <sup>2</sup> (20-14 AWG)	  	10 94
without wire protection	710 775	0.5-4 mm <sup>2</sup> (20-12 AWG)		90
<b>Wiring adapters</b>				
<b>Female inserts</b> Screw terminals				
Earth pin on the right	<b>710 659</b>	0.5-2.5 mm <sup>2</sup> (20-14 AWG)	 	10 136
Earth pin on the left	<b>710 663</b>			136
<b>Male inserts</b> Screw terminals				
Earth pin on the right	<b>710 667</b>	0.5-2.5 mm <sup>2</sup> (20-14 AWG)	 	10 135
Earth pin on the left	<b>710 671</b>			135
<b>Combi snap element</b> for DIN-rail mounting				
2 pieces required per adapter	<b>710 807</b>		 	10 4
<b>IDC terminal inserts</b>				
<b>Female insert</b> IDC terminals				
710 116 01	<b>710 116 01</b>	0.5-2.5 mm <sup>2</sup> (20-14 AWG)	  	10 102
<b>Male insert</b> IDC terminals				
710 216 01	<b>710 216 01</b>	0.5-2.5 mm <sup>2</sup> (20-14 AWG)	  	10 102
<b>Push-in terminal inserts</b>				
<b>Female insert</b> Push-in terminals				
710 116 04	<b>710 116 04</b>	0.5-2.5 mm <sup>2</sup> (20-14 AWG)	  	10 89
<b>Male insert</b> Push-in terminals				
710 216 04	<b>710 216 04</b>	0.5-2.5 mm <sup>2</sup> (20-14 AWG)	  	10 84
<b>Coding pin</b> for insertion into the coding grooves			 B 16 inserts can be equipped with max. 4 coding pins	

Description	Part no.		<b>Series B</b> <b>16 P +</b>  16 A / 500 V UL/CSA: 600 V	 																													
<b>Crimp contact carriers</b>				 10 68																													
<b>Contact carriers</b> for sleeve contacts	710 316																																
<b>Contact carriers</b> for pin contacts	710 416		 10 63																														
<b>Contacts for crimp contact carriers</b>			Number of grooves = <b>n</b> 	Terminal cross sections indicated by grooves <table border="1"> <tr> <td><b>n</b></td> <td>0</td> <td>0.14-0.37 mm<sup>2</sup></td> <td>26-22 AWG</td> </tr> <tr> <td></td> <td>0</td> <td>0.5 mm<sup>2</sup></td> <td>20 AWG</td> </tr> <tr> <td></td> <td>1</td> <td>0.75 mm<sup>2</sup></td> <td>18 AWG</td> </tr> <tr> <td></td> <td>1</td> <td>1 mm<sup>2</sup></td> <td>18 AWG</td> </tr> <tr> <td></td> <td>2</td> <td>1.5 mm<sup>2</sup></td> <td>16 AWG</td> </tr> <tr> <td></td> <td>3</td> <td>2.5 mm<sup>2</sup></td> <td>14 AWG</td> </tr> <tr> <td></td> <td>0</td> <td>4.0 mm<sup>2</sup></td> <td>12 AWG</td> </tr> </table>	<b>n</b>	0	0.14-0.37 mm <sup>2</sup>	26-22 AWG		0	0.5 mm <sup>2</sup>	20 AWG		1	0.75 mm <sup>2</sup>	18 AWG		1	1 mm <sup>2</sup>	18 AWG		2	1.5 mm <sup>2</sup>	16 AWG		3	2.5 mm <sup>2</sup>	14 AWG		0	4.0 mm <sup>2</sup>	12 AWG	 100 162 160 148 148 150 154 165
<b>n</b>	0	0.14-0.37 mm <sup>2</sup>	26-22 AWG																														
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	0	4.0 mm <sup>2</sup>	12 AWG																														
<b>Sleeve contacts for series B and BB</b>  crimp-type, solid, turned, weight per 100	silver-plated <b>710 508</b> <b>710 504</b> <b>710 509</b> <b>710 500</b> <b>710 501</b> <b>710 502</b> <b>710 503</b>	gold-plated 710 916 710 842 710 917 710 843 710 844 710 845 710 846		<table border="1"> <tr> <td><b>n</b></td> <td>0</td> <td>0.14-0.37 mm<sup>2</sup></td> <td>26-22 AWG</td> </tr> <tr> <td></td> <td>0</td> <td>0.5 mm<sup>2</sup></td> <td>20 AWG</td> </tr> <tr> <td></td> <td>1</td> <td>0.75 mm<sup>2</sup></td> <td>18 AWG</td> </tr> <tr> <td></td> <td>1</td> <td>1 mm<sup>2</sup></td> <td>18 AWG</td> </tr> <tr> <td></td> <td>2</td> <td>1.5 mm<sup>2</sup></td> <td>16 AWG</td> </tr> <tr> <td></td> <td>3</td> <td>2.5 mm<sup>2</sup></td> <td>14 AWG</td> </tr> <tr> <td></td> <td>0</td> <td>4.0 mm<sup>2</sup></td> <td>12 AWG</td> </tr> </table>	<b>n</b>	0	0.14-0.37 mm <sup>2</sup>	26-22 AWG		0	0.5 mm <sup>2</sup>	20 AWG		1	0.75 mm <sup>2</sup>	18 AWG		1	1 mm <sup>2</sup>	18 AWG		2	1.5 mm <sup>2</sup>	16 AWG		3	2.5 mm <sup>2</sup>	14 AWG		0	4.0 mm <sup>2</sup>	12 AWG	 100 125 124 128 128 132 132 134
<b>n</b>	0	0.14-0.37 mm <sup>2</sup>	26-22 AWG																														
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	0	4.0 mm <sup>2</sup>	12 AWG																														
<b>Pin contacts for series B and BB</b>  crimp-type, solid, turned, weight per 100	silver-plated <b>710 518</b> <b>710 514</b> <b>710 519</b> <b>710 510</b> <b>710 511</b> <b>710 512</b> <b>710 513</b>	gold-plated 710 918 710 847 710 919 710 848 710 849 710 850 710 851		<table border="1"> <tr> <td><b>n</b></td> <td>0</td> <td>0.14-0.37 mm<sup>2</sup></td> <td>26-22 AWG</td> </tr> <tr> <td></td> <td>0</td> <td>0.5 mm<sup>2</sup></td> <td>20 AWG</td> </tr> <tr> <td></td> <td>1</td> <td>0.75 mm<sup>2</sup></td> <td>18 AWG</td> </tr> <tr> <td></td> <td>1</td> <td>1 mm<sup>2</sup></td> <td>18 AWG</td> </tr> <tr> <td></td> <td>2</td> <td>1.5 mm<sup>2</sup></td> <td>16 AWG</td> </tr> <tr> <td></td> <td>3</td> <td>2.5 mm<sup>2</sup></td> <td>14 AWG</td> </tr> <tr> <td></td> <td>0</td> <td>4.0 mm<sup>2</sup></td> <td>12 AWG</td> </tr> </table>	<b>n</b>	0	0.14-0.37 mm <sup>2</sup>	26-22 AWG		0	0.5 mm <sup>2</sup>	20 AWG		1	0.75 mm <sup>2</sup>	18 AWG		1	1 mm <sup>2</sup>	18 AWG		2	1.5 mm <sup>2</sup>	16 AWG		3	2.5 mm <sup>2</sup>	14 AWG		0	4.0 mm <sup>2</sup>	12 AWG	 100 89
<b>n</b>	0	0.14-0.37 mm <sup>2</sup>	26-22 AWG																														
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	0	4.0 mm <sup>2</sup>	12 AWG																														
<b>Sleeve contact</b> Optical waveguide for POF solid, turned	710 521	Weight per 100		 100 74																													
<b>Pin contact</b> Optical waveguide for POF solid, turned	710 531	Weight per 100		 10 1																													
<b>Coding pin</b>	700 734		 The use of a coding pin prevents confusion of equal connectors. The pin contact opposite to the coding pin is not equipped.	 10 1																													
Description	Part no.		<b>Series BB</b> <b>32 P +</b>  16 A / 500 V UL/CSA: 600 V	 																													
<b>Crimp contact carriers</b>				 10 68																													
<b>Contact carriers</b> for sleeve contacts	710 333																																
<b>Contact carriers</b> for pin contacts	710 433		 10 58																														
<b>Contact arrangement</b>			<b>Series B 16</b> 	<b>Series BB 32</b> 																													
Panel cut-out:			View from termination side	 Female insert    Male insert    Female insert    Male insert																													




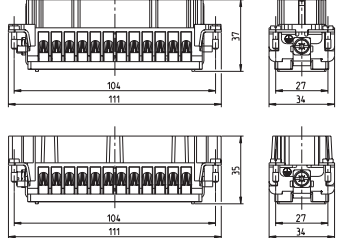
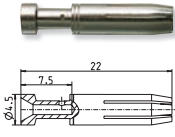
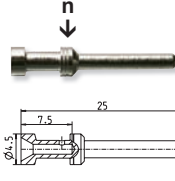
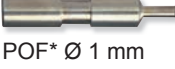
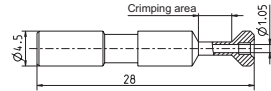

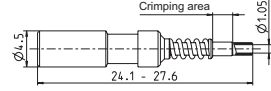




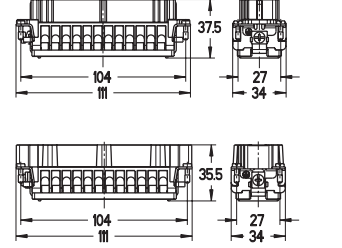
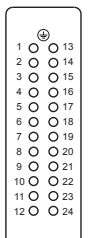
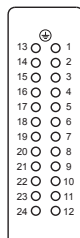
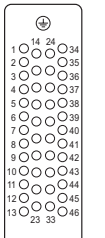
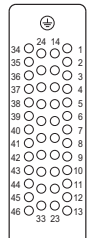
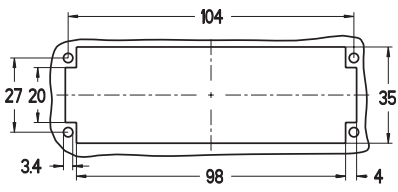
**Series B** **24 P +**   
 16 A / 500 V  
 UL/CSA: 600 V



Description	Part no.	Terminal cross section				
<b>Screw terminal inserts</b>						
<b>Female inserts</b> Screw terminals  with wire protection <b>710 124</b> 0.5-2.5 mm <sup>2</sup> (20-14 AWG) without wire protection <b>710 772</b> 0.5-4 mm <sup>2</sup> (20-12 AWG)						10 138 134
<b>Male inserts</b> Screw terminals  with wire protection <b>710 224</b> 0.5-2.5 mm <sup>2</sup> (20-14 AWG) without wire protection <b>710 776</b> 0.5-4 mm <sup>2</sup> (20-12 AWG)						10 118 114
<b>Wiring adapters</b>						
<b>Female inserts</b> Screw terminals  Earth pin on the right <b>710 660</b> Earth pin on the left <b>710 664</b>						10 140 140
<b>Male inserts</b> Screw terminals  Earth pin on the right <b>710 668</b> Earth pin on the left <b>710 672</b>						10 241 241
<b>Combi snap element</b>  for DIN-rail mounting <b>710 807</b>  2 pieces required per adapter						10 4
<b>IDC terminal inserts</b>						
<b>Female insert</b> IDC terminals <b>710 124 01</b> 0.5-2.5 mm <sup>2</sup> (20-14 AWG)						10 135
<b>Male insert</b> IDC terminals <b>710 224 01</b> 0.5-2.5 mm <sup>2</sup> (20-14 AWG)						10 135
<b>Push-in terminal inserts</b>						
<b>Female insert</b> Push-in terminals <b>710 124 04</b> 0.5-2.5 mm <sup>2</sup> (20-14 AWG)						10 119
<b>Male insert</b> Push-in terminals <b>710 224 04</b> 0.5-2.5 mm <sup>2</sup> (20-14 AWG)						10 113
<b>Coding pin</b> for insertion into the coding grooves <b>710 607</b>				<i>B 24 inserts can be equipped with max. 4 coding pins</i>		10 1





Description		Part no.	Series B 24 P + $\oplus$		16 A / 500 V UL/CSA: 600 V		 
<b>Crimp contact carriers</b>							
<b>Contact carriers</b> for sleeve contacts		710 324	<b>Please order crimp contacts separately</b>				10 88
<b>Contact carriers</b> for pin contacts		710 424					10 80
<b>Contacts for crimp contact carriers</b>			Number of grooves = <b>n</b>		Terminal cross sections indicated by grooves		
<b>Sleeve contacts for series B and BB</b>  crimp-type, solid, turned, weight per 100	silver-plated	gold-plated		<b>n</b>			
	710 508	710 916	0	0	0.14-0.37 mm <sup>2</sup>	26-22 AWG	100
	710 504	710 842	0	0	0.5 mm <sup>2</sup>	20 AWG	162
	710 509	710 917	1	1	0.75 mm <sup>2</sup>	18 AWG	160
	710 500	710 843	1	1	1 mm <sup>2</sup>	18 AWG	148
	710 501	710 844	2	2	1.5 mm <sup>2</sup>	16 AWG	148
	710 502	710 845	3	3	2.5 mm <sup>2</sup>	14 AWG	150
710 503	710 846	0	0	4.0 mm <sup>2</sup>	12 AWG	154	
<b>Pin contacts for series B and BB</b>  crimp-type, solid, turned, weight per 100	silver-plated	gold-plated		<b>n</b>			
	710 518	710 918	0	0	0.14-0.37 mm <sup>2</sup>	26-22 AWG	100
	710 514	710 847	0	0	0.5 mm <sup>2</sup>	20 AWG	125
	710 519	710 919	1	1	0.75 mm <sup>2</sup>	18 AWG	124
	710 510	710 848	1	1	1 mm <sup>2</sup>	18 AWG	128
	710 511	710 849	2	2	1.5 mm <sup>2</sup>	16 AWG	128
	710 512	710 850	3	3	2.5 mm <sup>2</sup>	14 AWG	132
710 513	710 851	0	0	4.0 mm <sup>2</sup>	12 AWG	132	
<b>Sleeve contact</b> Optical waveguide for POF solid, turned		710 521	Weight per 100				100 89
<b>Pin contact</b> Optical waveguide for POF solid, turned		710 531	Weight per 100				100 74
<b>Coding pin</b>		700 734			The use of a coding pin prevents confusion of equal connectors. The pin contact opposite to the coding pin is not equipped.		10 1
Description		Part no.	Series BB 46 P + $\oplus$		16 A / 500 V UL/CSA: 600 V		 
<b>Crimp contact carriers</b>							
<b>Contact carriers</b> for sleeve contacts		710 346	<b>Please order crimp contacts separately</b>				10 90
<b>Contact carriers</b> for pin contacts		710 446					10 74
<b>Contact arrangement</b>			<b>Series B 24</b>  		<b>Series BB 46</b>  		
Panel cut-out: 			View from termination side				

**Series B**

**32 P +** 

16 A / 500 V

UL/CSA: 600 V



Description

Part no.

Terminal cross section

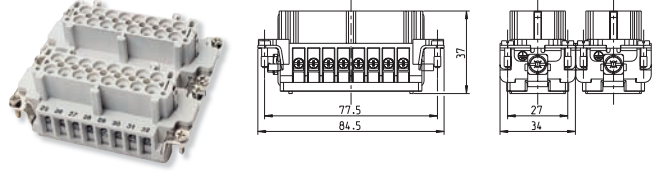
**Screw terminal inserts**

**Female inserts**

Screw terminals

with wire protection 1 - 16 **710 116** 0.5-2.5 mm<sup>2</sup> (20-14 AWG)  
without wire protection **710 771** 0.5-4 mm<sup>2</sup> (20-12 AWG)

with wire protection 17 - 32 **710 132** 0.5-2.5 mm<sup>2</sup> (20-14 AWG)  
without wire protection **710 859** 0.5-4 mm<sup>2</sup> (20-12 AWG)



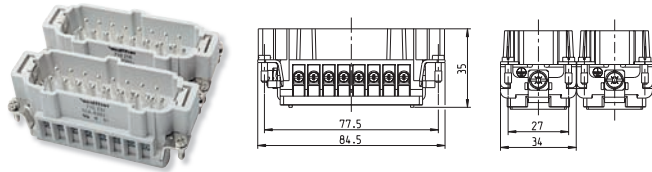
10  
94  
90  
94  
90

**Male inserts**

Screw terminals

with wire protection 1 - 16 **710 216** 0.5-2.5 mm<sup>2</sup> (20-14 AWG)  
without wire protection **710 775** 0.5-4 mm<sup>2</sup> (20-12 AWG)

with wire protection 17 - 32 **710 232** 0.5-2.5 mm<sup>2</sup> (20-14 AWG)  
without wire protection **710 860** 0.5-4 mm<sup>2</sup> (20-12 AWG)

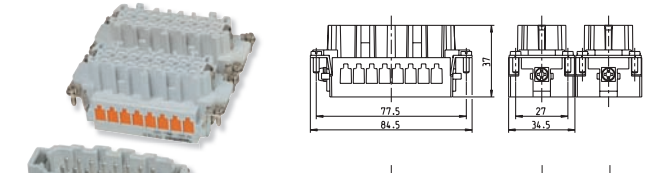


10  
94  
90  
94  
90

**IDC terminal inserts**

**Female inserts**

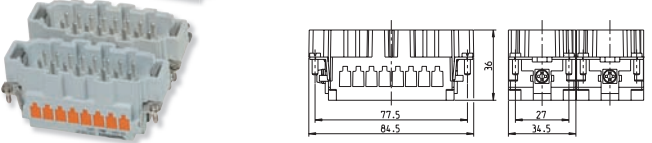
1 - 16 **710 116 01** 0.5-2.5 mm<sup>2</sup> (20-14 AWG)  
17 - 32 **710 132 01**



10  
102  
102

**Male inserts**

1 - 16 **710 216 01** 0.5-2.5 mm<sup>2</sup> (20-14 AWG)  
17 - 32 **710 232 01**



10  
102  
102

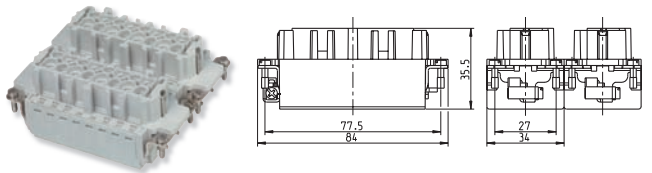
**Push-in terminal inserts**



**Female inserts**

Push-in terminals

for sleeve contacts 1 - 16 **710 116 04** 0.5-2.5 mm<sup>2</sup> (20-14 AWG)  
for sleeve contacts 17 - 32 **710 132 04**

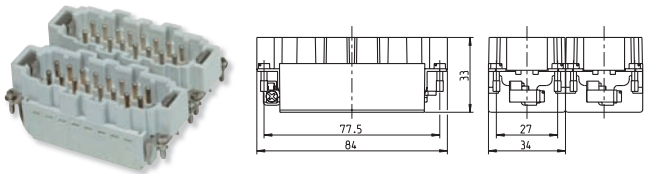


10  
89  
89

**Male inserts**

Push-in terminals

for pin contacts 1 - 16 **710 216 04** 0.5-2.5 mm<sup>2</sup> (20-14 AWG)  
for pin contacts 17 - 32 **710 232 04**



10  
84  
84

**Coding pin**

for insertion into coding grooves **710 607**



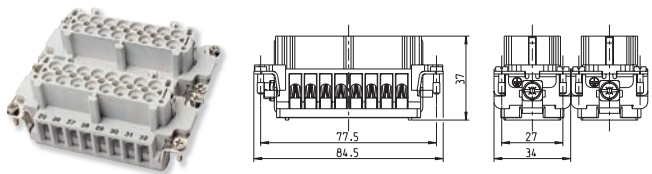
*B 32 inserts can be equipped with max. 8 coding pins*

10  
1

**Crimp contact carriers**

**Contact carriers**

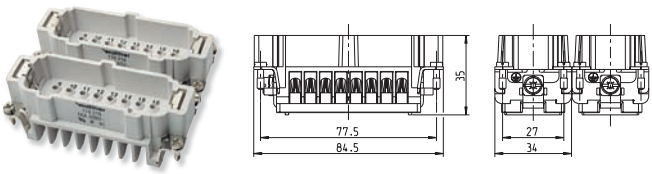
for sleeve contacts 1 - 16 **710 316**  
for sleeve contacts 17 - 32 **710 332**



10  
68  
68

**Contact carriers**

for pin contacts 1 - 16 **710 416**  
for pin contacts 17 - 32 **710 432**



10  
63  
63

**Please order crimp contacts separately**

Description	Part no.	<b>Series B</b>	<b>32 P +</b>	
			16 A / 500 V UL/CSA: 600 V	

Contacts for crimp contact carriers		
<b>Sleeve contacts for series B and BB</b>	silver-plated	gold-plated
	710 508	710 916
	710 504	710 842
	710 509	710 917
crimp-type,	710 500	710 843
solid, turned,	710 501	710 844
weight per 100	710 502	710 845
	710 503	710 846

Number of grooves =	n	Terminal cross sections indicated by grooves		
	n			
	0	0.14-0.37 mm <sup>2</sup>	26-22 AWG	100
	0	0.5 mm <sup>2</sup>	20 AWG	162
	1	0.75 mm <sup>2</sup>	18 AWG	160
	1	1 mm <sup>2</sup>	18 AWG	148
	2	1.5 mm <sup>2</sup>	16 AWG	148
	3	2.5 mm <sup>2</sup>	14 AWG	150
	0	4.0 mm <sup>2</sup>	12 AWG	154
	0			165

<b>Pin contacts for series B and BB</b>	silver-plated	gold-plated
	710 518	710 918
	710 514	710 847
	710 519	710 919
crimp-type,	710 510	710 848
solid, turned,	710 511	710 849
weight per 100	710 512	710 850
	710 513	710 851

Number of grooves =	n	Terminal cross sections indicated by grooves		
	n			
	0	0.14-0.37 mm <sup>2</sup>	26-22 AWG	100
	0	0.5 mm <sup>2</sup>	20 AWG	125
	1	0.75 mm <sup>2</sup>	18 AWG	124
	1	1 mm <sup>2</sup>	18 AWG	128
	2	1.5 mm <sup>2</sup>	16 AWG	128
	3	2.5 mm <sup>2</sup>	14 AWG	132
	0	4.0 mm <sup>2</sup>	12 AWG	132
	0			134

<b>Sleeve contact</b>		
Optical waveguide for POF solid, turned	710 521	Weight per 100

	POF* Ø 1 mm		100
			89

<b>Pin contact</b>		
Optical waveguide for POF solid, turned	710 531	Weight per 100

	POF* Ø 1 mm		100
			74

<b>Coding pin</b>	700 734	
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	The use of a coding pin prevents confusion of equal connectors. The pin contact opposite to the coding pin is not equipped.	10
		1

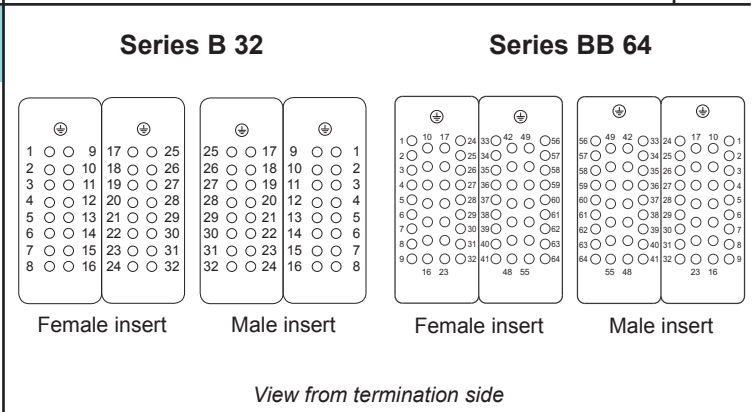
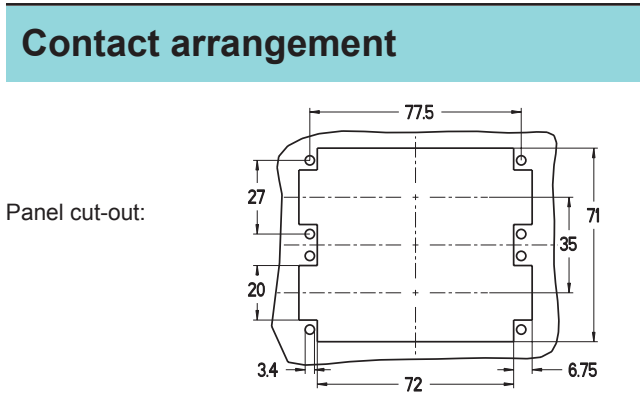
Description	Part no.	<b>Series BB</b>	<b>64 P +</b>	
			16 A / 500 V UL/CSA: 600 V	

Crimp contact carriers		
<b>Contact carriers</b>		
for sleeve contacts 1 - 32	710 333	
for sleeve contacts 33 - 64	710 364	





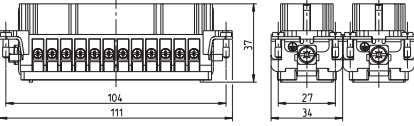

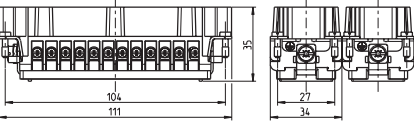

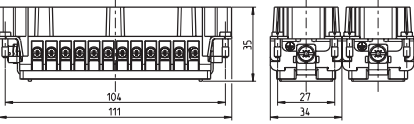

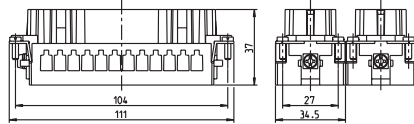

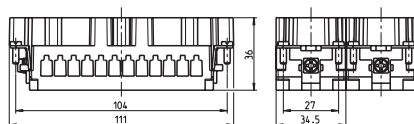

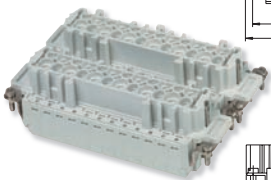
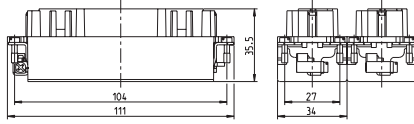
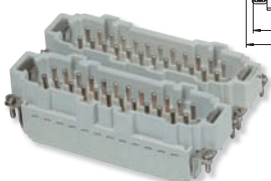
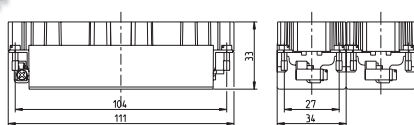


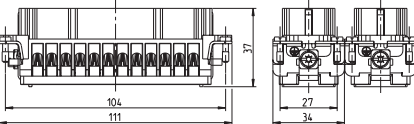

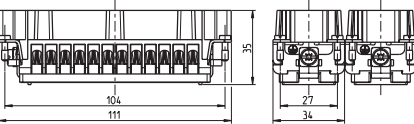
		10
		68
		68

<b>Contact carriers</b>		
for pin contacts 1 - 32	710 433	
for pin contacts 33 - 64	710 464	

		10
		58
		58





Description	Part no.	Terminal cross section	<b>Series B</b> <b>48 P +</b>  16 A / 500 V UL/CSA: 600 V	  9
<b>Screw terminal inserts</b>				
<b>Female inserts</b> Screw terminals  <b>with wire protection 1 - 24</b> <b>710 124</b> 0.5-2.5 mm <sup>2</sup> (20-14 AWG) without wire protection <b>710 772</b> 0.5-4 mm <sup>2</sup> (20-12 AWG)  <b>with wire protection 25 - 48</b> <b>710 148</b> 0.5-2.5 mm <sup>2</sup> (20-14 AWG) without wire protection <b>710 861</b> 0.5-4 mm <sup>2</sup> (20-12 AWG)			   	10 138 130  138 130
<b>Male inserts</b> Screw terminals  <b>with wire protection 1 - 24</b> <b>710 224</b> 0.5-2.5 mm <sup>2</sup> (20-14 AWG) without wire protection <b>710 776</b> 0.5-4 mm <sup>2</sup> (20-12 AWG)  <b>with wire protection 25 - 48</b> <b>710 248</b> 0.5-2.5 mm <sup>2</sup> (20-14 AWG) without wire protection <b>710 862</b> 0.5-4 mm <sup>2</sup> (20-12 AWG)			 	10 118 110  118 110
<b>IDC terminal inserts</b>				
<b>Female inserts</b> <b>1 - 24</b> <b>710 124 01</b> <b>25 - 48</b> <b>710 148 01</b> 0.5-2.5 mm <sup>2</sup> (20-14 AWG)			 	10 135 135
<b>Male inserts</b> <b>1 - 24</b> <b>710 224 01</b> <b>25 - 48</b> <b>710 248 01</b> 0.5-2.5 mm <sup>2</sup> (20-14 AWG)			 	10 135 135
<b>Push-in terminal inserts</b>				
<b>Female inserts</b> Push-in terminals  for sleeve contacts 1 - 24 <b>710 124 04</b> for sleeve contacts 25 - 48 <b>710 148 04</b> 0.5-2.5 mm <sup>2</sup> (20-14 AWG)			 	10 119  119
<b>Male inserts</b> Push-in terminals  for pin contacts 1 - 24 <b>710 224 04</b> for pin contacts 25 - 48 <b>710 248 04</b> 0.5-2.5 mm <sup>2</sup> (20-14 AWG)			 	10 113  113
<b>Coding pin</b> for insertion into coding grooves <b>710 607</b>			 <i>B 48 inserts can be equipped with max. 8 coding pins</i>	10 1
<b>Crimp contact carriers</b>				
<b>Contact carriers</b> for sleeve contacts 1 - 24 <b>710 324</b> for sleeve contacts 25 - 48 <b>710 348</b>			 	10 88 88
<b>Contact carriers</b> for pin contacts 1 - 24 <b>710 424</b> for pin contacts 25 - 48 <b>710 448</b>			 	10 80 80

**Please order crimp contacts separately**

Description	Part no.	<b>Series B</b>	<b>48 P +</b>	
			16 A / 500 V UL/CSA: 600 V	

Contacts for crimp contact carriers		
<b>Sleeve contacts for series B and BB</b>  crimp-type, solid, turned, weight per 100	silver-plated	gold-plated
	<b>710 508</b>	710 916
	<b>710 504</b>	710 842
	<b>710 509</b>	710 917
	<b>710 500</b>	710 843
	<b>710 501</b>	710 844
	<b>710 502</b>	710 845
	<b>710 503</b>	710 846

Number of grooves =	n	Terminal cross sections indicated by grooves		
	n			
	0	0.14-0.37 mm <sup>2</sup>	26-22 AWG	100
	0	0.5 mm <sup>2</sup>	20 AWG	162
	1	0.75 mm <sup>2</sup>	18 AWG	160
	1	1 mm <sup>2</sup>	18 AWG	148
	2	1.5 mm <sup>2</sup>	16 AWG	148
	3	2.5 mm <sup>2</sup>	14 AWG	150
	0	4.0 mm <sup>2</sup>	12 AWG	154
	0			165

<b>Pin contacts for series B and BB</b>  crimp-type, solid, turned, weight per 100	silver-plated	gold-plated
	<b>710 518</b>	710 918
	<b>710 514</b>	710 847
	<b>710 519</b>	710 919
	<b>710 510</b>	710 848
	<b>710 511</b>	710 849
	<b>710 512</b>	710 850
	<b>710 513</b>	710 851

Number of grooves =	n	Terminal cross sections indicated by grooves		
	n			
	0	0.14-0.37 mm <sup>2</sup>	26-22 AWG	100
	0	0.5 mm <sup>2</sup>	20 AWG	125
	1	0.75 mm <sup>2</sup>	18 AWG	124
	1	1 mm <sup>2</sup>	18 AWG	128
	2	1.5 mm <sup>2</sup>	16 AWG	128
	3	2.5 mm <sup>2</sup>	14 AWG	132
	0	4.0 mm <sup>2</sup>	12 AWG	132
	0			134

<b>Sleeve contact</b> Optical waveguide for POF solid, turned	<b>710 521</b>	Weight per 100
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		100
POF* Ø 1 mm		89

<b>Pin contact</b> Optical waveguide for POF solid, turned	<b>710 531</b>	Weight per 100
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		100
POF* Ø 1 mm		74

<b>Coding pin</b>	<b>700 734</b>	
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	The use of a coding pin prevents confusion of equal connectors. The pin contact opposite to the coding pin is not equipped.	10
		1

Description	Part no.	<b>Series BB</b>	<b>92 P +</b>	
			16 A / 500 V UL/CSA: 600 V	

Crimp contact carriers	
<b>Contact carriers</b>	
for sleeve contacts 1 - 46	<b>710 346</b>
for sleeve contacts 47 - 92	<b>710 392</b>

			10
			90
			90

<b>Contact carriers</b>	
for pin contacts 1 - 46	<b>710 446</b>
for pin contacts 47 - 92	<b>710 492</b>

Please order crimp contacts separately

			10
			74
			74

Contact arrangement	
Panel cut-out:	

Series B 48				Series BB 92			
Female insert	Male insert	Female insert	Male insert	Female insert	Male insert	Female insert	Male insert
View from termination side							



