

Produse uzuale - Conectica pentru automatizari

Caracteristici tehnice:

Numar de poli: 3 - 216

Curenti nominali: 10, 16 sau 35A

Tensiune de lucru: 250V, 400V sau 500V

Grad de protectie: IP65

Temperatura de lucru: -40 pana la +125 °C, pana la +200 °C pt. seria BHT

Insertii - prize, fise:



Nr. poli	Curent	Coduri	
		Insertie Priza	Insertie Fisa
3p+PE	10A	700103	700203
4p+PE	10A	700104	700204
6p+PE	16A	710106	710206
10p+PE	16A	710110	710210
16p+PE	16A	710116	710216
24p+PE	16A	710124	710224
32p+PE	16A	710116 + 710132	710216 + 710232
48p+PE	16A	710124 + 710148	710224 + 710248

Carcase cu prindere dubla:



Nr. poli	Material	Coduri				
		Carcasa pe tencuiala	Carcasa pe tablou	Carcasa pe cablu (cupla)	Carcasa pe cablu	Carcasa pe cablu
10p+PE	Aluminiu	P711010MV	714110	P75364220MV	P712010MV	P712210MV
16p+PE	Aluminiu	P711016MV	714116	P713616MV	P718016MV	P718216MV
24+PE	Aluminiu	P711024MV	714124	P753608MV	P712024MV	P712224MV
32+PE	Aluminiu	T711032MV	714132	T713632MV	T718132MV	T718332MV

Carcase cu prindere simpla:



Nr. poli	Material	Coduri				
		Carcasa pe tencuiala	Carcasa pe tablou	Carcasa pe cablu (cupla)	Carcasa pe cablu	Carcasa pe cablu
3p+PE, 4p+PE	Plastic	T700620MV	700621	T700623MV	T700624MV	T700625MV
3p+PE, 4p+PE	Aluminiu	T701403MV	704303	T703803MV	T702603MV	T702803MV
6p+PE	Aluminiu	P711406MV	714306	P753824MV	P712606MV	P712806MV
10p+PE	Aluminiu	P711410MV	714310	P753842MV	P712610MV	P712810MV
16p+PE	Aluminiu	P711416MV	714316	P753972MV	P718616MV	P718816MV
24p+PE	Aluminiu	P711424MV	714324	P753808MV	P712624MV	P712824MV
48p+PE	Aluminiu	T711448MV	714348	-	T712648MV	T712848MV

Series A

Specifications

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984
Approvals: UR, CSA, MEIE, EZÚ
Number of poles: 3, 4, 5, 10, 16, 32 (2 x 16) + PE

Electrical data acc. to DIN EN 61 984:

Series A3/A4 10 A 230 / 400 V 4 kV 3
 Rated current
 Rated voltage conductor - earth
 Rated voltage conductor - conductor
 Rated surge
 Pollution degree
 or 10 A 250 V 4 kV 3

Series A5 16 A 230 / 400 V 4 kV 3
 Rated current
 Rated voltage conductor - earth
 Rated voltage conductor - conductor
 Rated surge
 Pollution degree
 Pollution degree 2 also 16 A 320/500 V 4 kV 2

Series A 10 / A 16 16 A 250 V 4 kV 3
 Rated current
 Rated voltage
 Rated surge
 Pollution degree
 Pollution degree 2 also 16 A 230 / 400 V 4 kV 2

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

Series A 10 / A 16:

Crimp type terminal mm² (AWG): 0,14 - 4,0 mm² (26-12 AWG)
 Screw type terminal mm² (AWG): 0,5 - 2,5 mm² (14 AWG)

Series A 3 / A 4:

only screw type mm² (AWG): 0,5 - 1,5 mm² (16 AWG)
 Torque/testing torque:
 A 3 and A 4: 0,25 Nm
 A 10 and A 16: 0,5 Nm

Series A 5:

only crimp terminal mm² (AWG): 0,14 - 2,5 mm² (26-14 AWG)

Wire stripping length:

Series A 3 and A 4: 5 mm
 Series A 5, A 10 and A 16: 7 mm with screw and crimping contacts

Application advice:

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

Page

A 3-pole + ⊕

Inserts 18

- Short overview see page 104 -
 - Matching housings see page 105 - 104 -



A 4-pole + ⊕

Inserts 19

- Short overview see page 104 -
 - Matching housings see page 105 - 106 -



A 5-pole + ⊕

Inserts 19

- Short overview see page 104 -
 - Matching housings see page 105 - 106 -



A 10-pole + ⊕

Inserts 20

- Short overview see page 108 -
 - Matching housings see page 109 - 110 -



A 16-pole + ⊕

Inserts 21

- Short overview see page 112 -
 - Matching housings see page 113 - 114 -



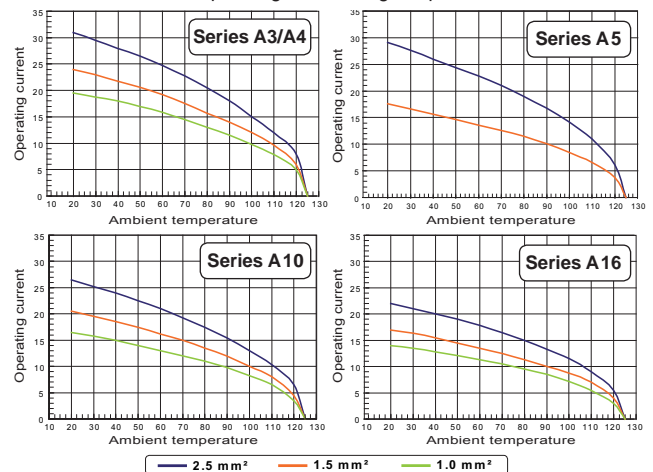
A 32-pole + ⊕


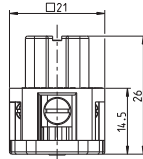

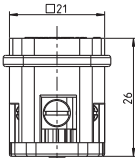
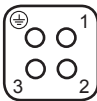
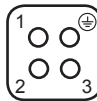

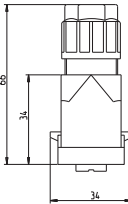
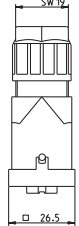

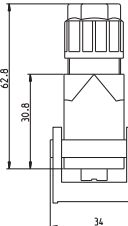
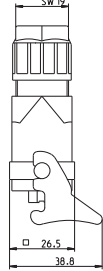

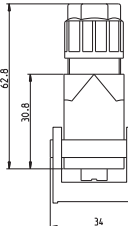
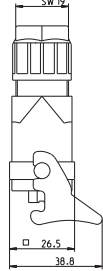

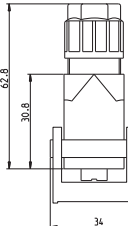
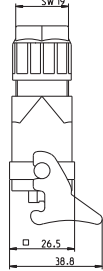
Inserts 22

- Short overview see page 116 -
 - Matching housings see page 117 - 119 -



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



Description	Part no.		Series A 3 P + ⊕ 10 A / 230/400 V UL/CSA: 600 V	
Screw terminal inserts				
Female insert Screw terminal without wire protection 0,5-1,5 mm ² (20-16 AWG)	700 103	ex stock	 	10 14
Male insert Screw terminal without wire protection 0,5-1,5 mm ² (20-16 AWG)	700 203	ex stock	 	10 14
Contact arrangement			View from termination side Female insert:  Male insert: 	
Connectors with insulation displacement connection (IDC)				
Hood with female insert Height 66 mm for single locking lever	700 724		  	10 25
Hood with male insert Height 66 mm for single locking lever	700 725		  	10 25
Coupler hood with female insert Height 63 mm with single locking lever	700 726		  	10 28
Coupler hood with male insert Height 63 mm with single locking lever	700 727		  	10 28

Specifications of connectors with insulation displacement connection:
General specifications:

Key width of sleeve nut	19 mm
Torque of sleeve nut	3 Nm
Mating cycles	≤ 500

Cable specifications for IDC connection:





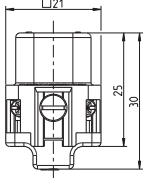

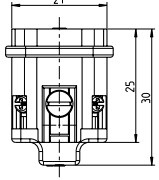








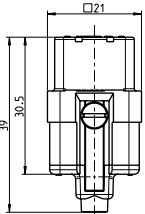

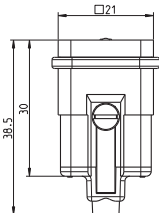

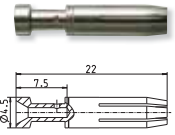
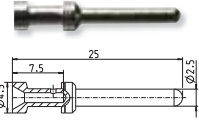
Conductor cross section area:	0,75 - 1,5 mm ² / 18 -16 AWG
Stranded cable / smallest wire diameter:	VDE 0295 class 2 up to 5/0,2 mm
Core insulating material:	PVC/PE
External cable diameter:	6 - 12 mm
Wire diameter (including insulation)	≤ 3 mm

Mechanical specifications:





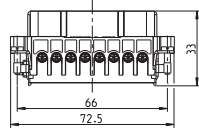
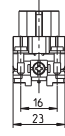

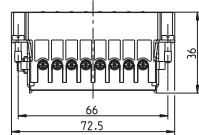
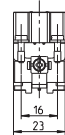

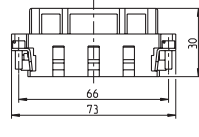
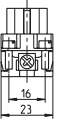

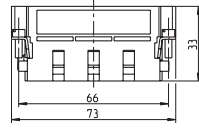
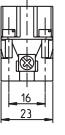
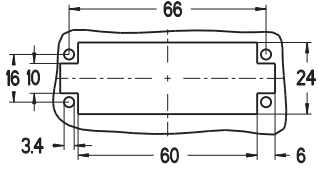
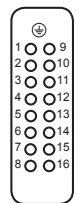
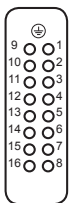

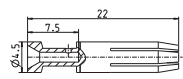

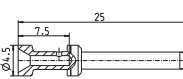

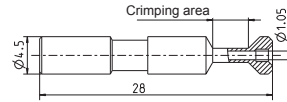

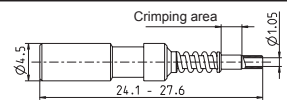

Frequency of connection of cables with equal diameter: 10

Material specifications:

Contact material / contact surface:	Copper alloy / nickel base coat, silver-plated
Insulating material / flammability acc. to UL 94:	PA / V0
Approvals:	UL/CSA

Description		Part no.	Series A 4 P +  10 A / 230/400 V UL/CSA: 600 V		 
Screw terminal inserts					
Female insert Screw terminal without wire protection 0,5-1,5 mm ² (20-16 AWG)		700 104	 		10 17
Male insert Screw terminal without wire protection 0,5-1,5 mm ² (20-16 AWG)		700 204	 		10 18
Contact arrangement					
			Series A 4 Female insert 	Series A 5 Female insert 	Male insert 
				- View from termination side -	
Description		Part no.	Series A 5 P +  16 A / 400 V UL/CSA: 600 V		 
Crimp contact carriers					
Contact carrier for sleeve contacts		700 105	 		10 18
Contact carrier for pin contacts		700 205	 		10 14
Coding pin		700 734	 <p>The use of a coding pin prevents confusion of equal connectors. The pin contact opposite to the coding pin is not equipped.</p>		10 1
Contacts for crimp contact carriers					
Sleeve contacts for series A 5 crimp-type, solid, turned, weight per 100		silver-plated 710 508 710 504 710 509 710 500 710 501 710 502	gold-plated 710 916 710 842 710 917 710 843 710 844 710 845	Number of grooves = n ↓ 	Termination cross section indicated by grooves n 0 0,14-0,37 mm ² 26-22 AWG 0 0,5 mm ² 20 AWG 1 0,75 mm ² 18 AWG 1 1 mm ² 18 AWG 2 1,5 mm ² 16 AWG 3 2,5 mm ² 14 AWG
Pin contacts for series A 5 crimp-type, solid, turned, weight per 100		silver-plated 710 518 710 514 710 519 710 510 710 511 710 512	gold-plated 710 918 710 847 710 919 710 848 710 849 710 850	n ↓ 	n 0 0,14-0,37 mm ² 26-22 AWG 0 0,5 mm ² 20 AWG 1 0,75 mm ² 18 AWG 1 1 mm ² 18 AWG 2 1,5 mm ² 16 AWG 3 2,5 mm ² 14 AWG

Description		Part no.	Series A 10 P + \oplus		 		
			16 A / 250 V UL/CSA: 600 V				
Screw terminal inserts							
Female insert Screw terminal with wire protection 0,5-2,5 mm ² (20-14 AWG)	700 110	ex stock			10 46		
Male insert Screw terminal with wire protection 0,5-2,5 mm ² (20-14 AWG)	700 210	ex stock			10 47		
Crimp contact carriers							
Contact carrier for sleeve contacts	700 310	Please order crimp contacts separately			10 26		
Contact carrier for pin contacts	700 410				10 27		
Contact arrangement							
Panel cutout		View from termination side					
Contacts for crimp contact carriers							
Sleeve contacts for series A 10	silver-plated 710 508 710 504 710 509 710 500 710 501 710 502 710 503	gold-plated 710 916 710 842 710 917 710 843 710 844 710 845 710 846	Number of grooves = n	n	Termination cross section indicated by grooves		
crimp-type, solid, turned, weight per 100			 	0 0 1 1 2 3 0	0,14-0,37 mm ² 0,5 mm ² 0,75 mm ² 1 mm ² 1,5 mm ² 2,5 mm ² 4,0 mm ²	26-22 AWG 20 AWG 18 AWG 18 AWG 16 AWG 14 AWG 12 AWG	100 162 160 148 148 150 154 165
Pin contacts for series A 10	silver-plated 710 518 710 514 710 519 710 510 710 511 710 512 710 513	gold-plated 710 918 710 847 710 919 710 848 710 849 710 850 710 851	n	n			
crimp-type, solid, turned, weight per 100			 	0 0 1 1 2 3 0	0,14-0,37 mm ² 0,5 mm ² 0,75 mm ² 1 mm ² 1,5 mm ² 2,5 mm ² 4,0 mm ²	26-22 AWG 20 AWG 18 AWG 18 AWG 16 AWG 14 AWG 12 AWG	100 125 124 128 128 132 132 134
Sleeve contact Optical waveguide for POF, solid, turned	710 521	Weight per 100	 POF* Ø 1 mm			100 89	
Pin contact Optical waveguide for POF, solid, turned	710 531	Weight per 100	 POF* Ø 1 mm			100 74	
Coding pin	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 A 16 P + 		16 A / 250 V UL/CSA: 600 V		  g
Screw terminal inserts							
Female insert Screw terminal with wire protection 0,5-2,5 mm ² (20-14 AWG)	700 116	ex stock	  		10 65		
Male insert Screw terminal with wire protection 0,5-2,5 mm ² (20-14 AWG)	700 216	ex stock	  		10 63		
Crimp contact carriers							
Contact carrier for sleeve contacts	700 316	Please order crimp contacts separately	  		10 32		
Contact carrier for pin contacts	700 416		  		10 31		
Contact arrangement			Panel cutout 		View from termination side Female insert  Male insert 		
Contacts for crimp contact carriers			Number of grooves = n		Termination cross section indicated by grooves		
Sleeve contacts for series A 16 crimp-type, solid, turned, weight per 100	silver-plated	gold-plated	 				
	710 508	710 916	0	0,14-0,37 mm ²	26-22 AWG	100	162
	710 504	710 842	0	0,5 mm ²	20 AWG	160	160
	710 509	710 917	1	0,75 mm ²	18 AWG	148	148
	710 500	710 843	1	1 mm ²	18 AWG	148	148
	710 501	710 844	2	1,5 mm ²	16 AWG	150	150
	710 502	710 845	3	2,5 mm ²	14 AWG	154	154
710 503	710 846	0	4,0 mm ²	12 AWG	165	165	
Pin contacts for series A 16 crimp-type, solid, turned, weight per 100	silver-plated	gold-plated	 				
	710 518	710 918	0	0,14-0,37 mm ²	26-22 AWG	100	125
	710 514	710 847	0	0,5 mm ²	20 AWG	124	124
	710 519	710 919	1	0,75 mm ²	18 AWG	128	128
	710 510	710 848	1	1 mm ²	18 AWG	128	128
	710 511	710 849	2	1,5 mm ²	16 AWG	132	132
	710 512	710 850	3	2,5 mm ²	14 AWG	132	132
710 513	710 851	0	4,0 mm ²	12 AWG	134	134	
Sleeve contact Optical waveguide for POF, solid, turned	710 521	Weight per 100	 POF* Ø 1 mm		 Crimping area Ø 4,5 28 Ø 1,05		100 89
Pin contact Optical waveguide for POF, solid, turned	710 531	Weight per 100	 POF* Ø 1 mm		 Crimping area Ø 4,5 24,1 - 27,6 Ø 1,05		100 74
Coding pin	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

Series A

32 P +

16 A / 250 V

UL/CSA: 600 V



Description

Part no.

Screw terminal inserts

Female insert

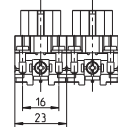
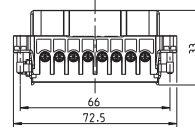
Screw terminal,
0,5-2,5 mm² (20-14 AWG)

with wire protection 1 - 16

700 116

with wire protection 17 - 32

700 132



10
69
69

Male insert

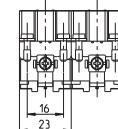
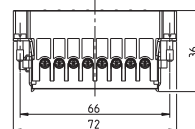
Screw terminal,
0,5-2,5 mm² (20-14 AWG)

with wire protection 1 - 16

700 216

with wire protection 17 - 32

700 232



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64
64

Crimp contact carriers

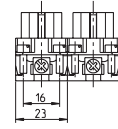
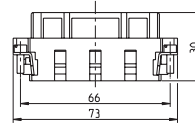
Contact carriers

for sleeve contacts 1 - 16
for sleeve contacts 17 - 32

700 316

700 332

Please order
crimp contacts
separately



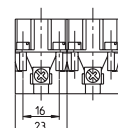
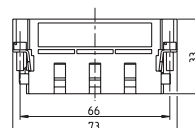
10
38
38

Contact carriers

for pin contacts 1 - 16
for pin contacts 17 - 32

700 416

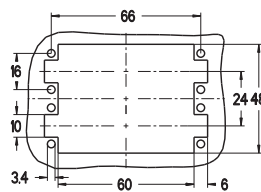
700 432



10
36
36

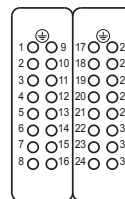
Contact arrangement

Panel cutout

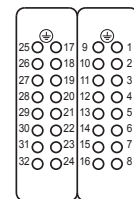


View from termination side

Female insert



Male insert



Contacts for crimp contact carriers

Sleeve contacts for series A 10

crimp-type, solid, turned,
weight per 100

silver-plated

710 508

710 504

710 509

710 500

710 501

710 502

710 503

gold-plated

710 916

710 842

710 917

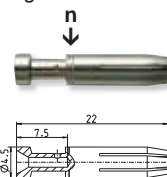
710 843

710 844

710 845

710 846

Number of
grooves =



Termination cross section
indicated by grooves

n	0	0	1	1	2	3	0
	0,14-0,37 mm ²	0,5 mm ²	0,75 mm ²	1 mm ²	1,5 mm ²	2,5 mm ²	4,0 mm ²
	26-22 AWG	20 AWG	18 AWG	18 AWG	16 AWG	14 AWG	12 AWG
	100	162	148	148	150	154	165

Pin contacts for series A 10

crimp-type, solid, turned,
weight per 100

silver-plated

710 518

710 514

710 519

710 510

710 511

710 512

710 513

gold-plated

710 918

710 847

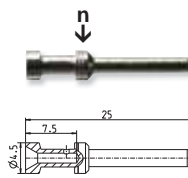
710 919

710 848

710 849

710 850

710 851



n	0	0	1	1	2	3	0
	0,14-0,37 mm ²	0,5 mm ²	0,75 mm ²	1 mm ²	1,5 mm ²	2,5 mm ²	4,0 mm ²
	26-22 AWG	20 AWG	18 AWG	18 AWG	16 AWG	14 AWG	12 AWG
	100	125	124	128	128	132	132
							134

Sleeve contact

Optical waveguide for POF,
solid, turned

710 521

Weight
per 100



POF* Ø 1 mm



100
89

Pin contact

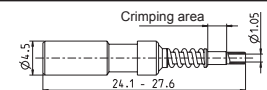
Optical waveguide for POF,
solid, turned

710 531

Weight
per 100



POF* Ø 1 mm



100
74

Coding pin

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

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 systems 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

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



Series B

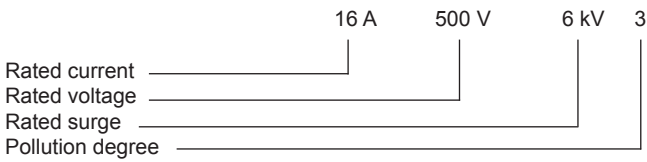
Specifications

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 UL 94: V 0
Mechanical operating life: ≥ 500 mating cycles

Contacts

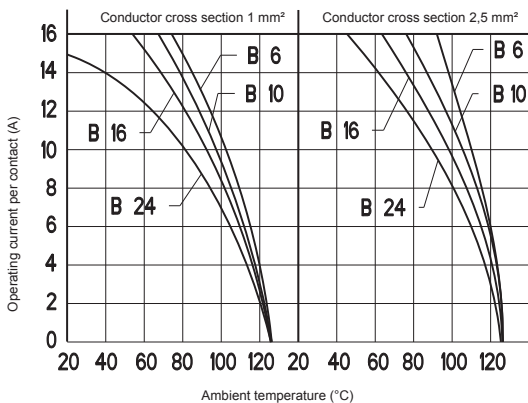
Material: Copper alloy
Surface: hard silver plated: 3 µm Ag
 hard gold plated: 2 µm Au over 3 µm Ni

Contact resistance: < 1 m Ω
Screw type terminal with wire protection: 2,5 mm² (14 AWG)
Screw type terminal without wire protection: 4 mm² (12 AWG)
Torque / testing torque: 0,5 Nm
Crimp type terminal: 0,5 - 4 mm² (20 - 12) AWG
Wire stripping length: 7 mm with screw + crimp contacts
IDC terminals: 0,5 - 2,5 mm² (20 - 14 AWG)

Application advice:

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

B 6-pole + ⚡

Inserts 26 - 27

- Short overview see page 120 -
 - Matching housings see page 121 - 123 -



B 10-pole + ⚡

Inserts 28 - 29

- Short overview see page 124 -
 - Matching housings see page 125 - 131 -



B 16-pole + ⚡

Inserts 30 - 31

- Short overview see page 132 -
 - Matching housings see page 133 - 140 -



B 24-pole + ⚡

Inserts 32 - 33

- Short overview see page 142 -
 - Matching housings see page 143 - 149 -



B 32-pole + ⚡

Inserts 34 - 35

- Short overview see page 150 -
 - Matching housings see page 151 - 152 -



B 48-pole + ⚡

Inserts 36 - 37

- Short overview see page 154 -
 - Matching housings see page 155 -



Series BB

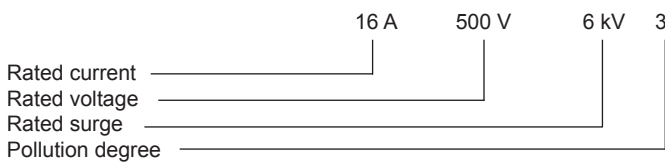
Specifications

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

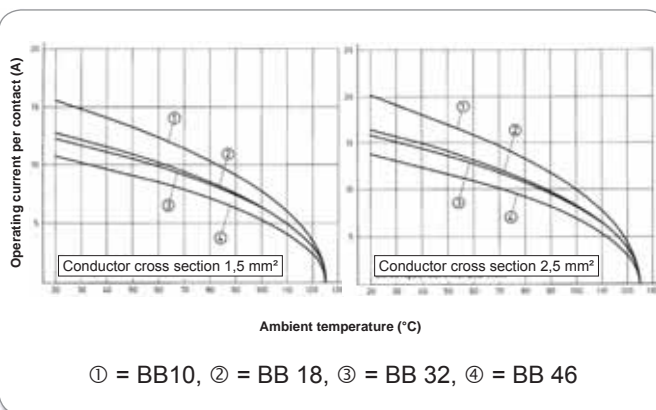
Material: copper alloy
 Surface: - hard silver plated: 3 µm Ag
 - hard gold plated: 2 µm Au over 3 µm Ni

Contact resistance: ≤ 1 m Ω
 Crimp type terminal: 0,5 - 4 mm² (20 - 12) AWG
 Wire stripping length: 7 mm

Application advice:

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 27

- Short overview see page 120 -
 - Matching housings see page 121 - 123 -



BB 18-pole + ⊕

Inserts 29

- Short overview see page 124 -
 - Matching housings see page 125 - 131 -



BB 32-pole + ⊕

Inserts 31

- Short overview see page 132 -
 - Matching housings see page 133 - 140 -



BB 46-pole + ⊕

Inserts 33

- Short overview see page 142 -
 - Matching housings see page 143 - 149 -



BB 64-pole + ⊕

Inserts 35

- Short overview see page 150 -
 - Matching housings see page 151 - 152 -



BB 92-pole + ⊕

Inserts 37

- Short overview see page 154 -
 - Matching housings see page 155 -



Series B

6 P + ⊕

16 A / 500 V

UL/CSA: 600 V



Description

Part no.

Terminal cross section

Screw terminal inserts

Female insert

Screw terminals

with wire protection **ex stock**

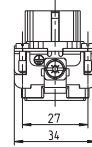
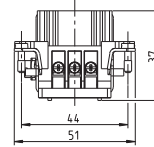
710 106

0,5-2,5 mm² (20-14 AWG)

without wire protection

710 769

0,5-4 mm² (20-12 AWG)



10
52
49

Male insert

Screw terminals

with wire protection **ex stock**

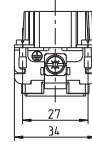
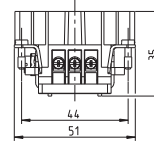
710 206

0,5-2,5 mm² (20-14 AWG)

without wire protection

710 773

0,5-4 mm² (20-12 AWG)



10
50
47

Wiring adapters

Female insert

Screw terminals

Earth pin on the right

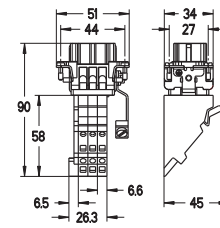
710 657

0,5-2,5 mm² (20-14 AWG)

Earth pin on the left

710 661

Similar to picture



10
84
84

Male insert

Screw terminals

Earth pin on the right

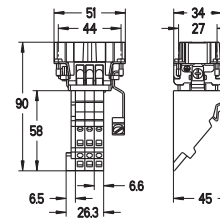
710 665

0,5-2,5 mm² (20-14 AWG)

Earth pin on the left

710 669

Similar to picture



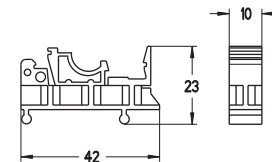
10
85
85

Combi snap element

for DIN-rail mounting

710 807

1 piece required per adapter



10
4

IDC terminal inserts

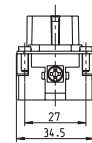
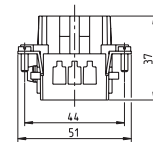
Female insert

IDC terminals

ex stock

710 106 01

0,5-2,5 mm² (20-14 AWG)



10
56

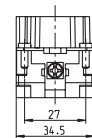
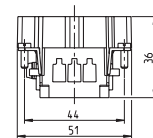
Male insert

IDC terminals

ex stock

710 206 01

0,5-2,5 mm² (20-14 AWG)



10
56

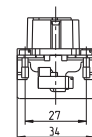
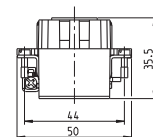
Push-in terminal inserts

Female insert

Push-in terminals

710 106 04

0,5-2,5 mm² (20-14 AWG)



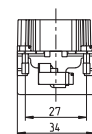
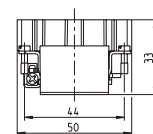
10
51

Male insert

Push-in terminals

710 206 04

0,5-2,5 mm² (20-14 AWG)



10
50

Coding pin




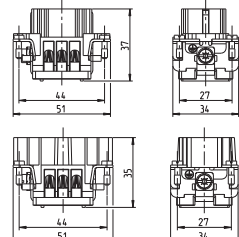




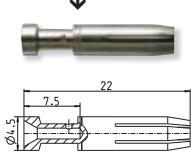
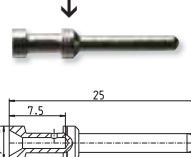





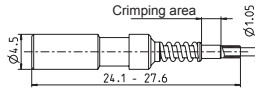




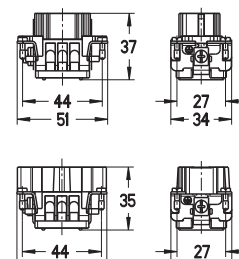


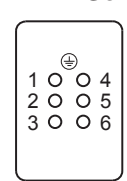
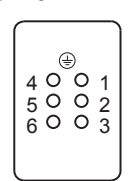
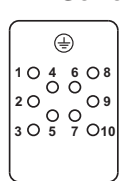
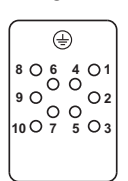
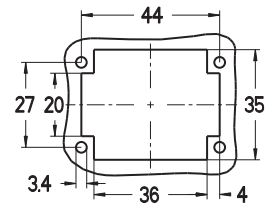
for insertion into the coding grooves






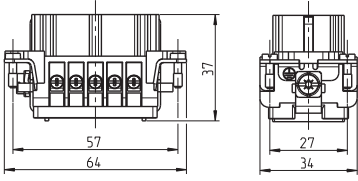


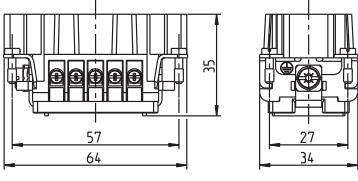

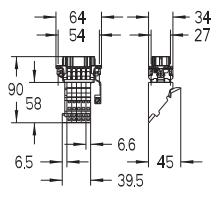

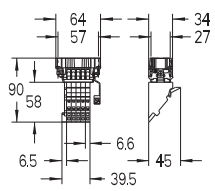

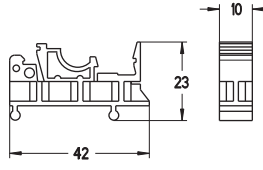

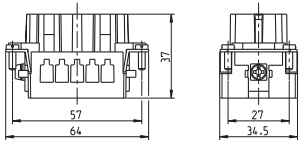

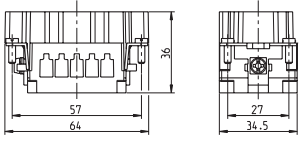

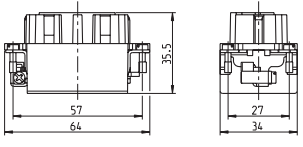

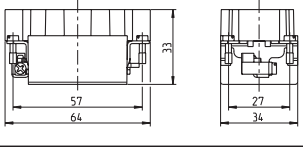

710 607




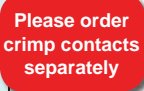
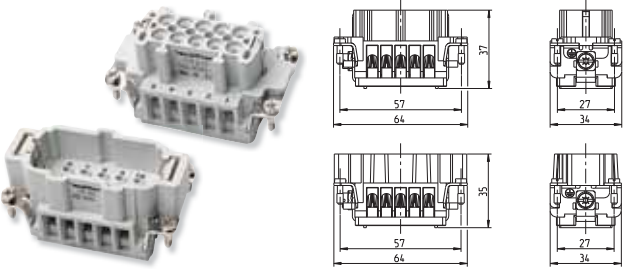
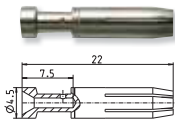
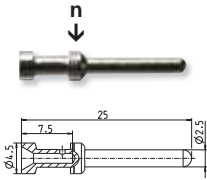

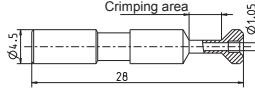

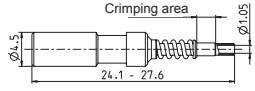




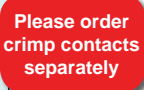
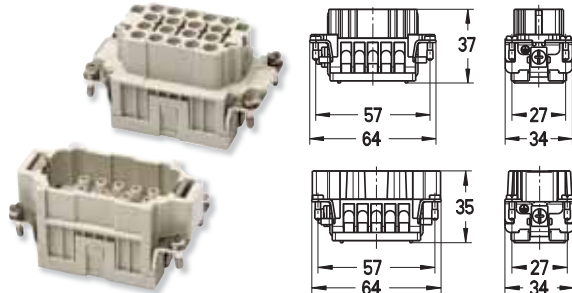
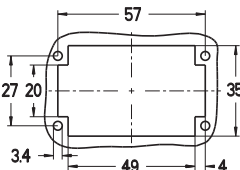
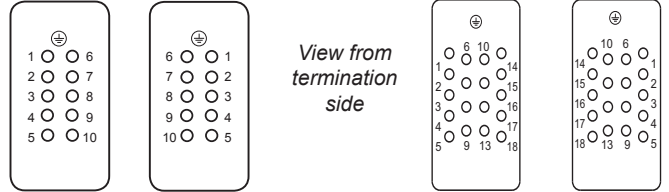







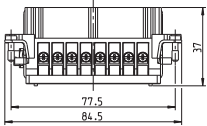
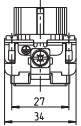



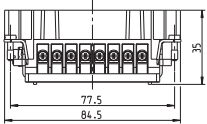
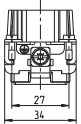
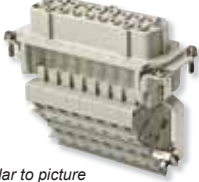
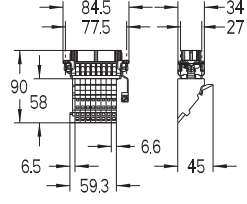

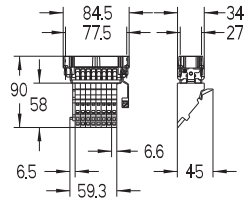

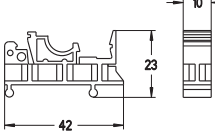

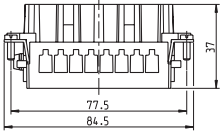
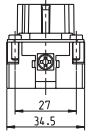

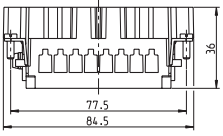
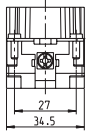

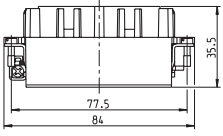
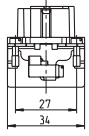

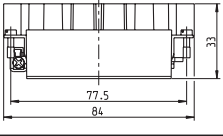
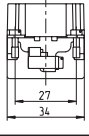

B 6 inserts can be equipped with max. 2 coding pins




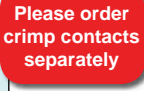
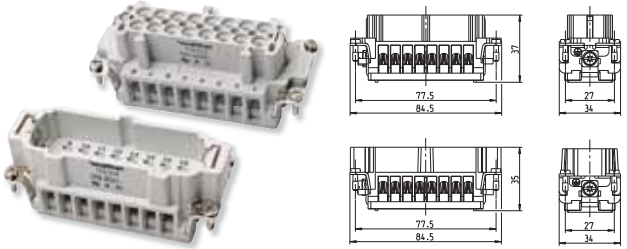
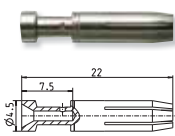
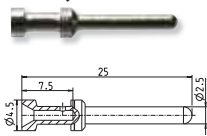

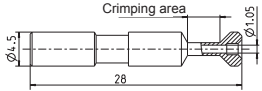

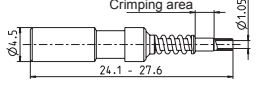




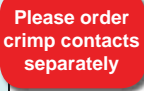
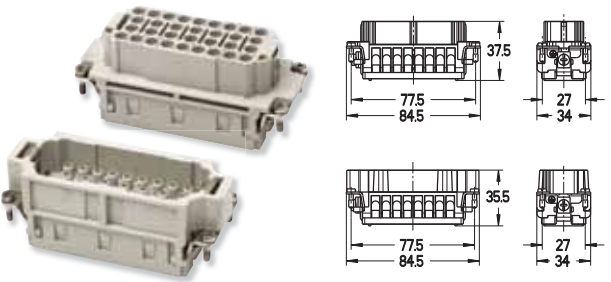
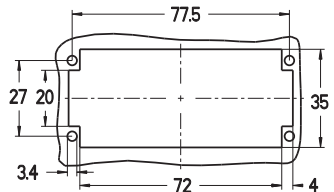
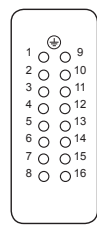
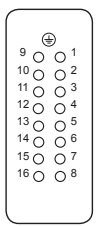
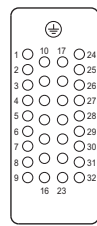
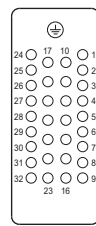
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1

Description		Part no.	Series B 6 P + ⊕		16 A / 500 V UL/CSA: 600 V	 
Crimp contact carriers			 			 
Contact carrier for sleeve contacts	710 306	10 40				
Contact carrier for pin contacts	710 406	<div style="background-color: red; color: white; padding: 5px; border-radius: 10px; display: inline-block;">Please order crimp contacts separately</div>	10 38			
Contacts for crimp contact carriers			Number of grooves = n Terminal cross sections indicated by grooves		 	
Sleeve contacts for series B and BB	silver-plated	gold-plated		n 0 0,14-0,37 mm ² 26-22 AWG 0 0,5 mm ² 20 AWG 1 0,75 mm ² 18 AWG 1 1 mm ² 18 AWG 2 1,5 mm ² 16 AWG 3 2,5 mm ² 14 AWG 0 4,0 mm ² 12 AWG		100 162 160 148 148 150 154 165
	crimp type, solid, turned, weight per 100	710 508 710 504 710 509 710 500 710 501 710 502 710 503				
Pin contacts for series B and BB	silver-plated	gold-plated		n 0 0,14-0,37 mm ² 26-22 AWG 0 0,5 mm ² 20 AWG 1 0,75 mm ² 18 AWG 1 1 mm ² 18 AWG 2 1,5 mm ² 16 AWG 3 2,5 mm ² 14 AWG 0 4,0 mm ² 12 AWG		100 125 124 128 128 132 132 134
	crimp type, solid, turned, weight per 100	710 518 710 514 710 519 710 510 710 511 710 512 710 513			710 918 710 847 710 919 710 848 710 849 710 850 710 851	
Sleeve contact Optical waveguide for POF, solid, turned	710 521	Weight per 100	 POF* Ø 1 mm		100 89	 
Male contact Optical waveguide for POF, solid, turned	710 531	Weight per 100	 POF* Ø 1 mm		100 74	
Coding pin	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 10 P + ⊕		16 A / 500 V UL/CSA: 600 V	 
Crimp contact carriers			 			 
Contact carrier for sleeve contacts	710 311	10 42				
Contact carrier for pin contacts	710 411	<div style="background-color: red; color: white; padding: 5px; border-radius: 10px; display: inline-block;">Please order crimp contacts separately</div>	10 40			
Contact arrangement			<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Series B6  Female insert </div> <div style="text-align: center;"> Series BB 10  Male insert </div> <div style="text-align: center;">  Female insert </div> <div style="text-align: center;">  Male insert </div> </div> <p style="text-align: center;">View from termination side</p>			
Panel cutout:						

Description	Part no.	Terminal cross section	Series B 10 P +  16 A / 500 V UL/CSA: 600 V	  9
Screw terminal inserts				
Female insert Screw terminals with wire protection  710 110 without wire protection 710 770		0,5-2,5 mm ² (20-14 AWG) 0,5-4 mm ² (20-12 AWG)	 	10 69 65
Male insert Screw terminals with wire protection  710 210 without wire protection 710 774		0,5-2,5 mm ² (20-14 AWG) 0,5-4 mm ² (20-12 AWG)	 	10 65 60
Wiring adapters				
Female insert Screw terminals Earth pin on the right 710 658 Earth pin on the left 710 662		0,5-2,5 mm ² (20-14 AWG)	  <p><i>Similar to picture</i></p>	10 122 122
Male insert Screw terminals Earth pin on the right 710 666 Earth pin on the left 710 670		0,5-2,5 mm ² (20-14 AWG)	  <p><i>Similar to picture</i></p>	10 124 124
Combi snap element for DIN-rail mounting 710 807 1 piece required per adapter			 	10 4
IDC terminal inserts				
Female insert IDC terminals 710 110 01		0,5-2,5 mm ² (20-14 AWG)	 	10 74
Male insert IDC terminals 710 210 01		0,5-2,5 mm ² (20-14 AWG)	 	10 74
Push-in terminal inserts				
Female insert Push-in terminals 710 110 04		0,5-2,5 mm ² (20-14 AWG)	 	10 66
Male insert Push-in terminals 710 210 04		0,5-2,5 mm ² (20-14 AWG)	 	10 64
Coding pin for insertion into the coding grooves 710 607			 <p><i>B 10 inserts can be equipped with max. 2 coding pins</i></p>	10 1


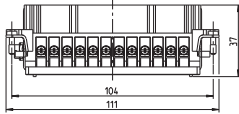
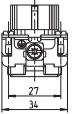

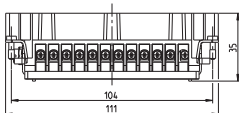
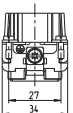

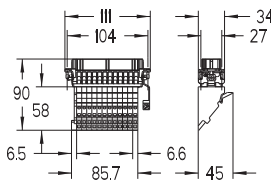
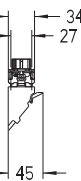

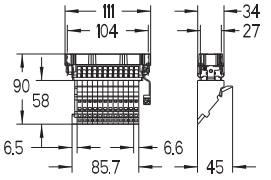
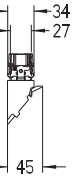

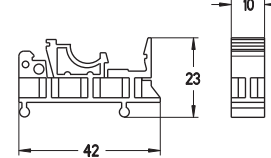
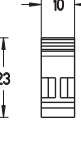

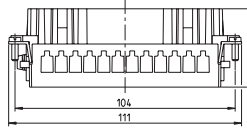
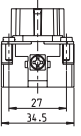

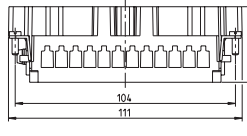
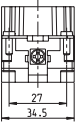
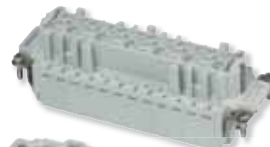
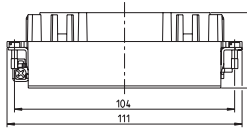
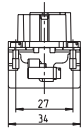

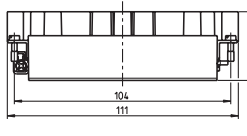
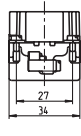

Description		Part no.	Series B 10 P +  16 A / 500 V UL/CSA: 600 V		 																							
Crimp contact carriers																												
Contact carrier for sleeve contacts	710 310				10 49																							
Contact carrier for pin contacts <small>ex stock</small>	710 410				10 46																							
Contacts for crimp contact carriers			Number of grooves =	Terminal cross sections indicated by grooves																								
Sleeve contacts for series B and BB crimp type, solid, turned, weight per 100	silver-plated	gold-plated		<table border="0"> <tr><td>n</td><td>n</td></tr> <tr><td>0</td><td>0,14-0,37 mm²</td><td>26-22 AWG</td></tr> <tr><td>0</td><td>0,5 mm²</td><td>20 AWG</td></tr> <tr><td>1</td><td>0,75 mm²</td><td>18 AWG</td></tr> <tr><td>1</td><td>1 mm²</td><td>18 AWG</td></tr> <tr><td>2</td><td>1,5 mm²</td><td>16 AWG</td></tr> <tr><td>3</td><td>2,5 mm²</td><td>14 AWG</td></tr> <tr><td>0</td><td>4,0 mm²</td><td>12 AWG</td></tr> </table>	n	n	0	0,14-0,37 mm ²	26-22 AWG	0	0,5 mm ²	20 AWG	1	0,75 mm ²	18 AWG	1	1 mm ²	18 AWG	2	1,5 mm ²	16 AWG	3	2,5 mm ²	14 AWG	0	4,0 mm ²	12 AWG	100 162 160 148 148 150 154 165
	n	n																										
	0	0,14-0,37 mm ²			26-22 AWG																							
	0	0,5 mm ²			20 AWG																							
	1	0,75 mm ²			18 AWG																							
	1	1 mm ²			18 AWG																							
	2	1,5 mm ²			16 AWG																							
3	2,5 mm ²	14 AWG																										
0	4,0 mm ²	12 AWG																										
710 508	710 916																											
710 504	710 842																											
710 509	710 917																											
710 500	710 843																											
710 501	710 844																											
710 502	710 845																											
710 503	710 846																											
Pin contacts for series B and BB crimp type, solid, turned, weight per 100	silver-plated	gold-plated		<table border="0"> <tr><td>n</td><td>n</td></tr> <tr><td>0</td><td>0,14-0,37 mm²</td><td>26-22 AWG</td></tr> <tr><td>0</td><td>0,5 mm²</td><td>20 AWG</td></tr> <tr><td>1</td><td>0,75 mm²</td><td>18 AWG</td></tr> <tr><td>1</td><td>1 mm²</td><td>18 AWG</td></tr> <tr><td>2</td><td>1,5 mm²</td><td>16 AWG</td></tr> <tr><td>3</td><td>2,5 mm²</td><td>14 AWG</td></tr> <tr><td>0</td><td>4,0 mm²</td><td>12 AWG</td></tr> </table>	n	n	0	0,14-0,37 mm ²	26-22 AWG	0	0,5 mm ²	20 AWG	1	0,75 mm ²	18 AWG	1	1 mm ²	18 AWG	2	1,5 mm ²	16 AWG	3	2,5 mm ²	14 AWG	0	4,0 mm ²	12 AWG	100 125 124 128 128 132 132 134
	n	n																										
	0	0,14-0,37 mm ²			26-22 AWG																							
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	1	0,75 mm ²			18 AWG																							
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Sleeve contact Optical waveguide for POF, solid, turned	710 521	Weight per 100			100 89																							
Male contact Optical waveguide for POF, solid, turned	710 531	Weight per 100			100 74																							
Coding pin	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 +  16 A / 500 V UL/CSA: 600 V		 																							
Crimp contact carriers																												
Contact carrier for sleeve contacts	710 318				10 53																							
Contact carrier for pin contacts	710 418				10 47																							
Contact arrangement			Series B 10 Female insert Male insert	Series BB 18 Female insert Male insert																								
Panel cutout:																												





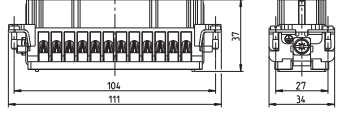

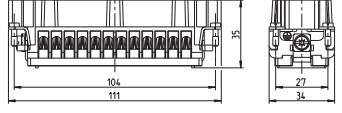
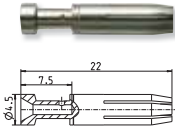
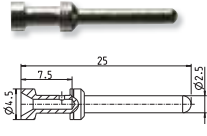

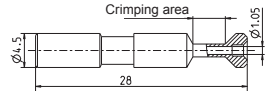

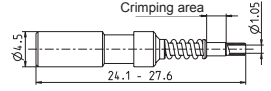





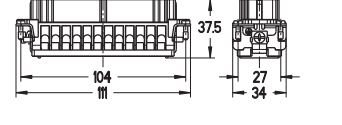

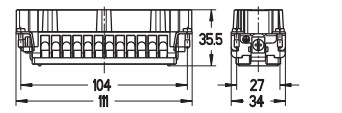
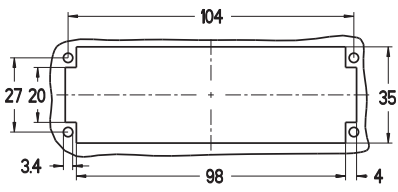
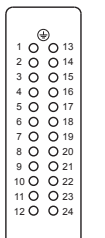
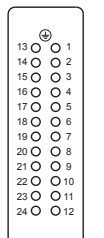
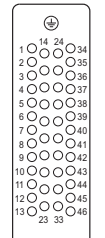
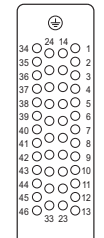
Description	Part no.	Terminal cross section	Series B 16 P +  16 A / 500 V UL/CSA: 600 V	 
Screw terminal inserts				
Female insert Screw terminals with wire protection  710 116 without wire protection 710 771		0,5-2,5 mm ² (20-14 AWG) 0,5-4 mm ² (20-12 AWG)	  	10 94 90
Male insert Screw terminals with wire protection  710 216 without wire protection  710 775		0,5-2,5 mm ² (20-14 AWG) 0,5-4 mm ² (20-12 AWG)	  	10 94 90
Wiring adapters				
Female insert Screw terminals Earth pin on the right 710 659 Earth pin on the left 710 663		0,5-2,5 mm ² (20-14 AWG)	 <p><i>Similar to picture</i></p> 	10 136 136
Male insert Screw terminals Earth pin on the right 710 667 Earth pin on the left 710 671		0,5-2,5 mm ² (20-14 AWG)	 <p><i>Similar to picture</i></p> 	10 135 135
Combi snap element for DIN-rail mounting 710 807 1 piece required per adapter			 	10 4
IDC terminal inserts				
Female insert IDC terminals 710 116 01		0,5-2,5 mm ² (20-14 AWG)	  	10 102
Male insert IDC terminals 710 216 01		0,5-2,5 mm ² (20-14 AWG)	  	10 102
Push-in terminal inserts				
Female insert Push-in terminals 710 116 04		0,5-2,5 mm ² (20-14 AWG)	  	10 89
Male insert Push-in terminals 710 216 04		0,5-2,5 mm ² (20-14 AWG)	  	10 84
Coding pin for insertion into the coding grooves 710 607			 <p><i>B 16 inserts can be equipped with max. 4 coding pins</i></p>	10 1





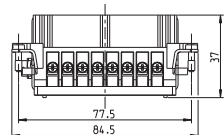
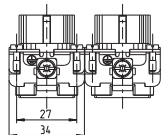

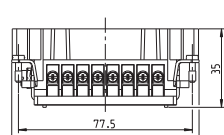
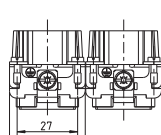

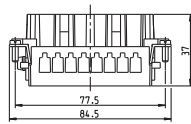
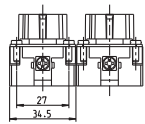

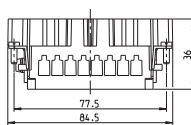
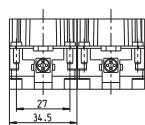

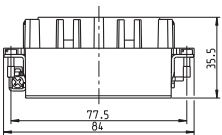
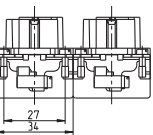

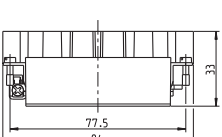
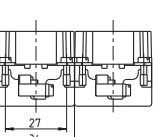


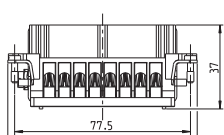
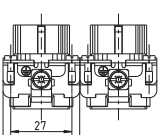

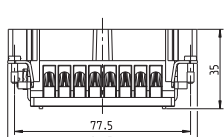
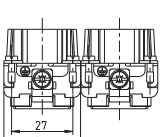
Description		Part no.	Series B 16 P +  16 A / 500 V UL/CSA: 600 V		 
Crimp contact carriers					
Contact carrier for sleeve contacts	710 316				10 68
Contact carrier for pin contacts	710 416		10 63		
Contacts for crimp contact carriers					
Sleeve contacts for series B and BB crimp type, solid, turned, weight per 100	silver-plated	gold-plated	Number of grooves = n 	n Terminal cross sections indicated by grooves	0 0,14-0,37 mm ² 26-22 AWG 0 0,5 mm ² 20 AWG 1 0,75 mm ² 18 AWG 1 1 mm ² 18 AWG 2 1,5 mm ² 16 AWG 3 2,5 mm ² 14 AWG 0 4,0 mm ² 12 AWG
	710 508	710 916			
Pin contacts for series B and BB crimp type, solid, turned, weight per 100	silver-plated	gold-plated	n 	n Terminal cross sections indicated by grooves	0 0,14-0,37 mm ² 26-22 AWG 0 0,5 mm ² 20 AWG 1 0,75 mm ² 18 AWG 1 1 mm ² 18 AWG 2 1,5 mm ² 16 AWG 3 2,5 mm ² 14 AWG 0 4,0 mm ² 12 AWG
	710 518	710 918			
Sleeve contact Optical waveguide for POF, solid, turned	710 521	Weight per 100	 POF* Ø 1 mm		100 89
Pin contact Optical waveguide for POF, solid, turned	710 531	Weight per 100	 POF* Ø 1 mm		100 74
Coding pin	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 32 P +  16 A / 500 V UL/CSA: 600 V		 
Crimp contact carriers					
Contact carrier for sleeve contacts	710 333				10 68
Contact carrier for pin contacts	710 433		10 58		
Contact arrangement					
Panel cutout:			Series B 16  Female insert	 Male insert	Series BB 32  Female insert
			View from termination side  Male insert		

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



Description	Part no.	Terminal cross section				
Screw terminal inserts						
Female insert Screw terminals with wire protection <small>ex stock</small> 710 124 without wire protection 710 772		0,5-2,5 mm ² (20-14 AWG) 0,5-4 mm ² (20-12 AWG)				10 138 134
Male insert Screw terminals with wire protection <small>ex stock</small> 710 224 without wire protection 710 776		0,5-2,5 mm ² (20-14 AWG) 0,5-4 mm ² (20-12 AWG)				10 118 114
Wiring adapters						
Female insert Screw terminals Earth pin on the right 710 660 Earth pin on the left 710 664		0,5-2,5 mm ² (20-14 AWG)	 Similar to picture			10 140 140
Male insert Screw terminals Earth pin on the right 710 668 Earth pin on the left 710 672		0,5-2,5 mm ² (20-14 AWG)	 Similar to picture			10 241 241
Combi snap element for DIN-rail mounting 1 piece required per adapter 710 807						10 4
IDC terminal inserts						
Female insert IDC terminals 710 124 01		0,5-2,5 mm ² (20-14 AWG)				10 135
Male insert IDC terminals 710 224 01		0,5-2,5 mm ² (20-14 AWG)				10 135
Push-in terminal inserts						
Female insert Push-in terminals 710 124 04		0,5-2,5 mm ² (20-14 AWG)				10 119
Male insert Push-in terminals 710 224 04		0,5-2,5 mm ² (20-14 AWG)				10 113
Coding pin for insertion into the coding grooves 710 607				B 24 inserts can be equipped with max. 4 coding pins		10 1

Description		Part no.	Series B 24 P +  16 A / 500 V UL/CSA: 600 V		 	
Crimp contact carriers						
Contact carrier for sleeve contacts		710 324	Please order crimp contacts separately	 	10 88	
Contact carrier for pin contacts ex stock		710 424		 	10 80	
Contacts for crimp contact carriers						
Sleeve contacts for series B and BB crimp type, solid, turned, weight per 100	silver-plated	gold-plated	Number of grooves = n 	Terminal cross sections indicated by grooves		100 162 160 148 148 150 154 165
	710 508 710 504 710 509 710 500 710 501 710 502 710 503	710 916 710 842 710 917 710 843 710 844 710 845 710 846		0 0 1 1 2 3 0	n 0 0 1 1 2 3 0	
Pin contacts for series B and BB crimp type, solid, turned, weight per 100	silver-plated	gold-plated	n 	Terminal cross sections indicated by grooves		100 125 124 128 128 132 132 134
	710 518 710 514 710 519 710 510 710 511 710 512 710 513	710 918 710 847 710 919 710 848 710 849 710 850 710 851		0 0 1 1 2 3 0	n 0 0 1 1 2 3 0	
Sleeve contact Optical waveguide for POF, solid, turned	710 521	Weight per 100	 POF* Ø 1 mm		100 89	
Male contact Optical waveguide for POF, solid, turned	710 531	Weight per 100	 POF* Ø 1 mm		100 74	
Coding pin	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 +  16 A / 500 V UL/CSA: 600 V		 	
Crimp contact carriers						
Contact carrier for sleeve contacts		710 346	Please order crimp contacts separately	 	10 90	
Contact carrier for pin contacts		710 446		 	10 74	
Contact arrangement						
Panel cutout:			Series B 24  Female insert	 Male insert	Series BB 46  Female insert	 Male insert

Description	Part no.	Terminal cross section	Series B 32 P +  16 A / 500 V UL/CSA: 600 V	  9
Screw terminal inserts				
Female insert Screw terminals with wire protection 1-16 ex stock without wire protection with wire protection 17-32 ex stock without wire protection	710 116 710 771 710 132 710 859	0,5-2,5 mm ² /20-14 AWG 0,5-4 mm ² /20-12 AWG 0,5-2,5 mm ² /20-14 AWG 0,5-4 mm ² /20-12 AWG	  	10 94 90 94 90
Male insert Screw terminals with wire protection 1-16 ex stock without wire protection with wire protection 17-32 ex stock without wire protection	710 216 710 775 710 232 710 860	0,5-2,5 mm ² /20-14 AWG 0,5-4 mm ² /20-12 AWG 0,5-2,5 mm ² /20-14 AWG 0,5-4 mm ² /20-12 AWG	  	10 94 90 94 90
IDC terminal inserts				
Female insert 1 - 16 17 - 32	710 116 01 710 132 01	0,5-2,5 mm ² /20-14 AWG	  	10 102 102
Male insert 1 - 16 17 - 32	710 216 01 710 232 01	0,5-2,5 mm ² /20-14 AWG	  	10 102 102
Push-in terminal inserts				
Female insert Push-in terminals for sleeve contacts 1 - 16 for sleeve contacts 17 - 32	710 116 04 710 132 04	0,5-2,5 mm ² /20-14 AWG	  	10 89 89
Male insert Push-in terminals for pin contacts 1 - 16 for pin contacts 17 - 32	710 216 04 710 232 04	0,5-2,5 mm ² /20-14 AWG	  	10 84 84
Coding pin for insertion into the coding grooves	710 607		 <p><i>B 32 inserts can be equipped with max. 8 coding pins</i></p>	10 1
Crimp contact carriers				
Contact carrier for sleeve contacts 1 - 16 for sleeve contacts 17 - 32	710 316 710 332	Please order crimp contacts separately	  	10 68 68
Contact carrier for pin contacts 1 - 16 for pin contacts 17 - 32	710 416 710 432		  	10 63 63







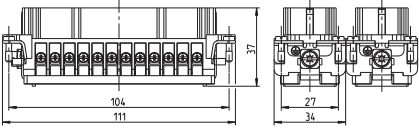

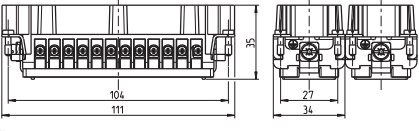



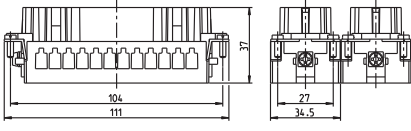

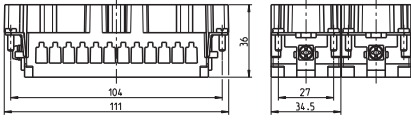

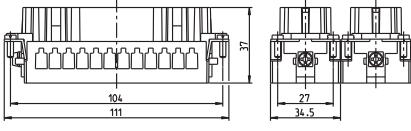

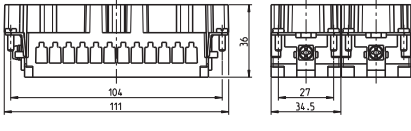

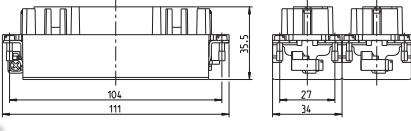

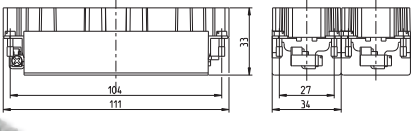

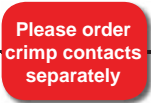

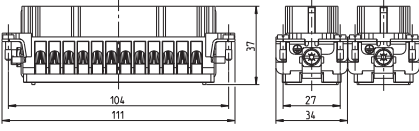

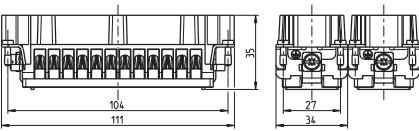
Description	Part no.	Series B	32 P +	
			16 A / 500 V UL/CSA: 600 V	

Contacts for crimp contact carriers			Number of grooves =	n	Terminal cross sections indicated by grooves		
Sleeve contacts for series B and BB crimp type, solid, turned, weight per 100	silver-plated	gold-plated		0	0,14-0,37 mm ²	26-22 AWG	100
	710 508	710 916		0	0,5 mm ²	20 AWG	162
	710 504	710 842		1	0,75 mm ²	18 AWG	160
	710 509	710 917		1	1 mm ²	18 AWG	148
	710 500	710 843		1	1,5 mm ²	16 AWG	148
	710 501	710 844		2	2,5 mm ²	14 AWG	150
	710 502	710 845		3	4,0 mm ²	12 AWG	154
	710 503	710 846		0			165
Pin contacts for series B and BB crimp type, solid, turned, weight per 100	silver-plated	gold-plated		0	0,14-0,37 mm ²	26-22 AWG	100
	710 518	710 918		0	0,5 mm ²	20 AWG	125
	710 514	710 847		1	0,75 mm ²	18 AWG	124
	710 519	710 919		1	1 mm ²	18 AWG	128
	710 510	710 848		1	1,5 mm ²	16 AWG	128
	710 511	710 849		2	2,5 mm ²	14 AWG	132
	710 512	710 850		3	4,0 mm ²	12 AWG	132
	710 513	710 851		0			134
Sleeve contact Optical waveguide for POF, solid, turned	710 521	Weight per 100					100 89
Male contact Optical waveguide for POF, solid, turned	710 531	Weight per 100					100 74
Coding pin	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	64 P +	
			16 A / 500 V UL/CSA: 600 V	

Crimp contact carriers			
Contact carrier for sleeve contacts 1 - 32 for sleeve contacts 33 - 64	710 333 710 364		
Contact carrier for pin contacts 1 - 32 for pin contacts 33 - 64	710 433 710 464		

Panel cutout:	Series B 32	Series BB 64
	Female insert	Male insert
	Female insert	Male insert
	View from termination side	

Description	Part no.	Terminal cross section	Series B 48 P +  16 A / 500 V UL/CSA: 600 V	  9
Screw terminal inserts				
Female insert Screw terminals with wire protection 1-24  710 124 without wire protection 710 772 with wire protection 25-48  710 148 without wire protection 710 861	0,5-2,5 mm ² /20-14 AWG 0,5-4 mm ² /20-12 AWG 0,5-2,5 mm ² /20-14 AWG 0,5-4 mm ² /20-12 AWG	 	 	10 138 130 138 130
Male insert Screw terminals with wire protection 1-24  710 224 without wire protection 710 776 with wire protection 25-48  710 248 without wire protection 710 862	0,5-2,5 mm ² /20-14 AWG 0,5-4 mm ² /20-12 AWG 0,5-2,5 mm ² /20-14 AWG 0,5-4 mm ² /20-12 AWG	 	 	10 118 110 118 110
IDC terminal inserts				
Female insert 1 - 24 25 - 48	710 124 01 710 148 01	0,5-2,5 mm ² /20-14 AWG	 	10 135 135
Male insert 1 - 24 25 - 48	710 224 01 710 248 01	0,5-2,5 mm ² /20-14 AWG	 	10 135 135
Push-in terminal inserts				
Female insert Push-in terminals for sleeve contacts 1 - 24 for sleeve contacts 25 - 48	710 124 04 710 148 04	0,5-2,5 mm ² /20-14 AWG	 	10 119 119
Male insert Push-in terminals for pin contacts 1 - 24 for pin contacts 25 - 48	710 224 04 710 248 04	0,5-2,5 mm ² /20-14 AWG	 	10 113 113
Coding pin for insertion into the coding grooves	710 607		 <i>B 48 inserts can be equipped with max. 8 coding pins</i>	10 1
Crimp contact carriers				
Contact carrier for sleeve contacts 1 - 24 for sleeve contacts 25 - 48	710 324 710 348		 	10 88 88
Contact carrier for pin contacts 1 - 24 for pin contacts 25 - 48	710 424 710 448		 	10 80 80

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

Contacts for crimp contact carriers			Number of grooves =	n	Terminal cross sections indicated by grooves		
Sleeve contacts for series B and BB crimp type, solid, turned, weight per 100	silver-plated	gold-plated		0	0,14-0,37 mm ²	26-22 AWG	100
	710 508	710 916		0	0,5 mm ²	20 AWG	162
	710 504	710 842		1	0,75 mm ²	18 AWG	160
	710 509	710 917		1	1 mm ²	18 AWG	148
	710 500	710 843		2	1,5 mm ²	16 AWG	148
	710 501	710 844		3	2,5 mm ²	14 AWG	150
	710 502	710 845		0	4,0 mm ²	12 AWG	154
	710 503	710 846					165

Pin contacts for series B and BB crimp type, solid, turned, weight per 100	silver-plated	gold-plated		n			
	710 518	710 918		0	0,14-0,37 mm ²	26-22 AWG	100
	710 514	710 847		0	0,5 mm ²	20 AWG	125
	710 519	710 919		1	0,75 mm ²	18 AWG	124
	710 510	710 848		1	1 mm ²	18 AWG	128
	710 511	710 849		2	1,5 mm ²	16 AWG	128
	710 512	710 850		3	2,5 mm ²	14 AWG	132
	710 513	710 851		0	4,0 mm ²	12 AWG	132

Sleeve contact Optical waveguide for POF, solid, turned	710 521	Weight per 100		100 89
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Male contact Optical waveguide for POF, solid, turned	710 531	Weight per 100		100 74
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Coding pin	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
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Description	Part no.	Series BB	92 P +	
			16 A / 500 V UL/CSA: 600 V	

Crimp contact carriers			
Contact carrier for sleeve contacts 1 - 46 for sleeve contacts 47 - 92	710 346 710 392		
Contact carrier for pin contacts 1 - 46 for pin contacts 47 - 92	710 446 710 492		

Contact arrangement		Series B 48	Series BB 92
Panel cutout: 			
		Female insert Male insert	Female insert Male insert
View from termination side			