

- Plugs and Sockets
- Industrial Connectors
- E-Mobility
- Power Distributors for Outside Areas




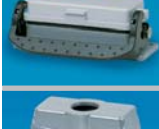




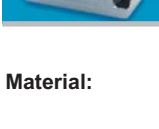
# PROCON

## Product range overview



A3	A10	A16	A32	B6	B10	B16	B24	B32	B48
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possible in all locking systems listed below







	A3	A10	A16	A32	B6	B10	B16	B24	B32	B48
<b>Wall mount housings without flap lid</b> 	Plastic	Standard aluminium	Standard aluminium	Standard aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium
<b>Wall mount housings with flap lid</b> 		Standard aluminium	Standard aluminium	Standard aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium		
<b>Panel housings without flap lid</b> 	Plastic	Standard aluminium	Standard aluminium	Standard aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium
<b>Panel housings with flap lid</b> 	Plastic	Standard aluminium	Standard aluminium	Standard aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium		
<b>Hoods without lever</b> 	Plastic	Standard aluminium	Standard aluminium	Standard aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium
<b>Hoods with lever</b> 					Standard aluminium	Standard aluminium	Standard aluminium	Standard aluminium	Standard aluminium	Standard aluminium
<b>Coupler hoods</b> 	Plastic	Standard aluminium	Standard aluminium	Standard aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium	Sea water aluminium
<b>Screw-locked hoods</b> 					Standard aluminium	Standard aluminium	Standard aluminium	Standard aluminium		
<b>Hoods with bayonet lock</b> 					Standard aluminium	Standard aluminium	Standard aluminium	Standard aluminium		

Material: Plastic Zinc Standard aluminium Sea water aluminium

Locking systems

 <b>Double locking system</b> Page 4 - 7	 <b>Single locking system</b> Page 8 - 11	 <b>Central locking system</b> Page 6	 <b>Screw locking</b> Page 10	 <b>Bayonet locking</b> Page 11
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Cable glands





 <b>Pressure gland, with multiple seal, with pressure rings</b>	 <b>Complete cable gland brass, nickel-plated</b>	 <b>Special cable assembly brass, nickel-plated</b>	 <b>Pressure gland with strain relief, brass, nickel-plated</b>	 <b>Blanking plug brass, nickel-plated</b>	 <b>EMC cable gland brass, nickel-plated</b>
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## Inserts

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Series	3-pole to 280 pole		Ampere	Volt AC	No. of poles	Termination method	Terminal cross section in mm
	Female	Male					
A			10	250/400 V	3 - 32	Screw IDC Crimp	0,5 - 1,5
B			16 16 16 16	500 V 500 V 500 V 500 V	6 - 48 6 - 48 6 - 48 6 - 48	Screw Push-In IDC Crimp	0,5 - 2,5 0,5 - 2,5 0,5 - 2,5 0,14 - 4,0
BB			16	500 V	10 - 92	Crimp	0,14 - 4,0
BHT			16	500 V	6 - 24	Screw	0,5 - 2,5
BA			35	690 V	6 - 12	Screw	0,5 - 6,0
BV			16	690 V	3 - 32	Screw	0,5 - 2,5
D			10	250 V	7 - 128	Crimp	0,14 - 2,5
DD			10	250 V	24 - 216	Crimp	0,14 - 2,5
MO			max. 80	max. 1000 V	3 - 280	Screw Crimp	0,09 - 10,0

## Termination methods

			
Contact carrier for <b>Crimp termination</b> 0,5 - 4 mm <sup>2</sup>	<b>Screw terminal connection</b> 0,5 - 2,5 mm <sup>2</sup> Screw drive: Pozidrive PZ0 (series A) Pozidrive PZ 1 (series B)	<b>Screwless termination method</b> (IDC - insulation displacement connection) 0,5 - 2,5 mm <sup>2</sup>	<b>Push-In termination method</b> (spring clamp connection) 0,5 - 2,5 mm <sup>2</sup>
<b>Contact carrier</b> Material Temperature range Flame class rating Mechanical operating life	<b>Standard</b> Glassfibre reinforced polyamide -40 °C to +125 °C V0 ≥ 500 mating cycles	<b>Special version</b> High temperature resistant polyamide up to +180°C ≥ 500 mating cycles	
<b>Contacts</b> Material Surface	<b>Standard</b> Copper alloy, hard silver-plated 3 µm Ag, hard gold-plated 2 µm Au over 3 µm Ni		

## Housings

### Double locking system



Wall mount housings



Hoods



Protective caps

Series	Housings for inserts of series	Cable entry	without flap lid		with flap lid		for wall mount and panel housings, without flap lid		with locking levers with retaining cord with gasket	
							Cable entry			Height
							top cable entry	side cable entry		
series <b>A</b>	<b>A 32</b> <b>D 50</b>	1 x M 25	T 701 032 MS	T 701 232 MS	81,5 mm	T 708 232	T 708 032	Plastic 700 629	76 mm	
		2 x M 25	T 701 132 MS	T 701 332 MS		T 708 232 00	T 708 032 00			
		1 x M 32	T 701 832 MS	T 707 232 MS		T 708 332	T 708 132			
		2 x M 32	T 701 132 MS	T 707 332 MS		T 708 332 00	T 708 132 00			
series <b>B</b>	<b>B 10</b> <b>BB 18</b> <b>DD 42</b>	1 x M 20	P 711 010 MS	P 711 210 MS	53 mm	P 712 210	P 712 010	Plastic 710 759	56 mm	
		2 x M 20	P 711 110 MS	P 711 310 MS		P 712 210 00	P 712 110			
		1 x M 25				P 712 310				
		2 x M 25								
			1 x M 32							
			2 x M 32							
			1 x M 40							
			2 x M 40							
			1 x M 25	P 751 042 MS	P 751 242 MS	74 mm	P 758 242	P 758 042	Aluminium 710 759 AL	72 mm
			2 x M 20	P 751 142 MS	P 751 342 MS					
			1 x M 25	P 757 042 MS	P 757 242 MS		P 758 342	P 758 142		
			2 x M 25	P 757 142 MS	P 757 342 MS					
		1 x M 32								
		2 x M 32								
		1 x M 40								
		2 x M 40								
		1 x M 25	P 711 016 MS	P 711 216 MS	68 mm	P 718 216	P 718 016	Plastic 710 760	65 mm	
		2 x M 25	P 711 116 MS	P 711 316 MS		P 718 216 00	P 718 116			
		1 x M 32				P 718 316				
		2 x M 32				P 718 316 00				
		1 x M 40								
		2 x M 40								
		1 x M 25	P 757 072 MS	P 751 272 MS	84 mm	P 728 340	P 728 140	Aluminium 710 760 AL	76 mm	
		2 x M 25	P 757 172 MS	P 751 372 MS		P 728 340 00	P 728 140 40			
		1 x M 32	P 757 072 40 MS	P 757 272 MS						
		2 x M 32	P 757 172 40 MS	P 757 372 MS						
		1 x M 40								
		2 x M 40								
		1 x M 25	P 711 024 MS	P 711 224 MS	68 mm	P 712 224	P 712 024	Plastic 710 761	65 mm	
		2 x M 25	P 711 124 MS	P 711 324 MS		P 712 224 00	P 712 124			
		1 x M 32				P 712 324				
		2 x M 32				P 712 324 00				
		1 x M 40								
		2 x M 40								
		1 x M 25	P 757 008 MS	P 751 208 MS	84 mm	P 718 324	P 718 124	Aluminium 710 761 AL	76 mm	
		2 x M 25	P 757 108 MS	P 751 308 MS		P 718 324 00	P 718 124 40			
		1 x M 32	P 757 008 40 MS	P 757 208 MS						
		2 x M 32	P 757 108 40 MS	P 757 308 MS						
		1 x M 40								
		2 x M 40								
		1 x M 25	T 711 032 MS	T 711 232 MS	72 mm	T 718 232	T 718 032	Plastic 710 761	80 mm	
		2 x M 25	T 711 132 MS	T 711 332 MS		T 718 232 00	T 718 032 00			
		1 x M 32	T 711 032 40 MS	T 711 232 40 MS		T 718 332	T 718 132			
		2 x M 32	T 711 132 40 MS	T 711 332 40 MS		T 718 332 00	T 718 132 00			
		1 x M 40				T 750 663	T 750 670			
		2 x M 40				T 750 671				

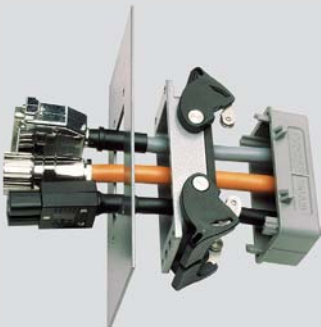


## Cable glands

Pressure gland, with multiple seal, with pressure rings	Complete cable gland brass, nickel-plated	Special cable assembly brass, nickel-plated	Pressure gland with strain relief, brass, nickel-plated	Blanking plug brass, nickel-plated	EMC cable gland brass, nickel-plated
717 636 M 20*	717 642 M 20*	717 648 M 20	710 673 20 M 20	717 658 M 20*	717 653 M 20
717 637 M 20	719 629 M 20	717 649 M 25	710 676 25 M 25	717 659 M 20	717 654 M 25
717 638 M 25	719 630 M 25	717 650 M 32	710 677 32 M 32	717 660 M 25	717 655 M 32
717 639 M 32	719 631 M 32	717 651 M 40	710 678 40 M 40	717 661 M 32	717 656 M 40
717 640 M 40	719 632 M 40	717 652 M 50	710 679 50 M 50	717 662 M 40	717 657 M 50
717 641 M 50	719 633 M 50			717 663 M 50	

\* = Plastic

Hoods		Protective caps		Coupler hoods		Protective caps		Panel housings		
for wall mount and panel housings, with flap lid		without locking lever with retaining cord with gasket				without locking lever with retaining cord without gasket		without flap lid	with flap lid	Height
Cable entry top cable entry	side cable entry		Height		top cable entry		Height			
T 703 232 T 703 232 00 T 703 332 T 703 332 00	T 703 032 T 703 032 00 T 703 132	Plastic 700 629	76 mm		T 703 632 T 703 632 00 T 703 732 T 703 732 00	Plastic 700 627	78 mm	704 132	704 232	28 mm
P 713 210 P 713 210 00	P 713 010	Plastic 710 756	56 mm		P 713 610 P 713 610 00 P 713 710 P 713 710 00	Plastic 710 624	61,5 mm	714 110	714 210	28 mm
P 753 242 P 753 242 00 P 753 342 P 753 342 00	P 753 042 P 753 142	Aluminium 710 756 AL	72 mm		P 753 642 P 753 642 00 P 753 742 P 753 742 00	Aluminium 710 624 AL	77,5 mm			
P 713 216 P 713 216 00	P 713 016	Plastic 710 757	65 mm		P 713 616 P 713 616 00 P 713 716 P 713 716 00	Plastic 710 626	70,5 mm	714 116	714 216	28 mm
P 723 240 P 723 240 00 P 723 340 P 723 340 00	P 723 040 P 723 140	Aluminium 710 757 AL	76 mm		P 753 772 P 753 772 00 P 753 772 40	Aluminium 710 626 AL	81,5 mm			
P 713 224 P 713 224 00 P 713 324 P 713 324 00	P 713 024 P 713 124	Plastic 710 758	65 mm		P 753 608 P 753 608 00 P 753 708 P 753 708 00	Plastic 710 628	70,5 mm	714 124	714 224	28 mm
		Aluminium 710 758 AL	76 mm		P 713 724 P 713 724 00 P 713 724 40	Aluminium 710 628 AL	81,5 mm			
T 713 232 T 713 232 00 T 713 332 T 713 332 00	T 713 032 T 713 032 00 T 713 132 T 713 132 00	Plastic 710 911	82 mm		T 713 632 T 713 632 00 T 713 732 T 713 732 00 T 750 664  T 750 669	Plastic 710 911	80 mm	714 132	714 232	30 mm

## Wire-through housings

	<p><b>Technical data:</b></p> <p><b>Wire-through housings:</b> Polycarbonate, UL 94 V-O</p> <p><b>Grommets:</b> Thermoplastic caoutchouc, UL listed</p> <p><b>Temperature range:</b> -40 to +125 °C</p> <p><b>Protection degree:</b> IP 54 in locked condition if correct type of grommets is used.</p> <p><b>Cable entry possibilities:</b> 750 628: 3 cable entries 750 629: 4 cable entries</p> <p><b>Cable diameter:</b> 3 - 16 mm</p>	<p><b>Wire-through housings</b></p> <p>3 cable entry possibilities, series B 16 750 628</p> <p>4 cable entry possibilities, series B 24 750 629</p> <p><i>Please order grommets separately. Use blanking plugs to close cable entries.</i></p>	
	<p><b>Panel housings</b></p> <p>Series B 16 714 116 Series B 24 714 124</p>		

## Housings

### Double locking system



Wall mount housings



Hoods



Protective caps

Series	Housings for inserts of series	Cable entry	without flap lid		with flap lid		for wall mount and panel housings, without flap lid		with locking levers with retaining cord with gasket	
						Height	top cable entry	side cable entry		Height
series <b>B</b>	<b>BHT 10</b>	1 x M 20 2 x M 20 1 x M 25 2 x M 25	P 741 010 MS P 741 110 MS			53 mm	P 742 210	P 742 010		56 mm
	<b>BHT 16</b>	1 x M 20 2 x M 20 1 x M 25 2 x M 25 1 x M 32 2 x M 32	P 741 016 MS P 741 116 MS			68 mm	P 748 216	P 748 016		65 mm
	<b>BHT 24</b>	1 x M 20 2 x M 20 1 x M 25 2 x M 25 1 x M 32 2 x M 32	P 741 024 MS P 741 124 MS			68 mm	P 748 224 P 748 324	P 748 024 P 748 124		65 mm
	<b>BV 3</b>	1 x M 20 2 x M 20 1 x M 25 2 x M 25	P 731 003 P 731 103	P 731 203 P 731 303		53 mm	P 732 203	P 732 003	Plastic 710 759	56 mm
	<b>BV 6</b>	1 x M 20 2 x M 20 1 x M 25 2 x M 25	P 731 006 P 731 106	P 731 206 P 731 306		53 mm	P 732 206	P 732 006	Plastic 710 760	65 mm
	<b>BV 10</b> <b>BV 16</b>	1 x M 20 2 x M 20 1 x M 25 2 x M 25 1 x M 32 2 x M 32	P 731 010 P 731 110	P 731 210 P 731 310		53 mm	P 732 010	P 732 210 P 732 110	Plastic 710 761	65 mm

## Housings

### Central locking system



Wall mount housings



Hoods



Panel housings

Series	Housings for inserts of series:	Cable entry	without flap lid		with flap lid		Panel housings without flap lid for			without flap lid	
						Height	top cable entry	side cable entry	Height		Height
series <b>B</b>	<b>B6</b> <b>BB10</b> <b>DD24</b> <b>MOB6</b>	1 x M 25						P 770 651	84 mm	770 650	28 mm
	<b>B10</b> <b>BB18</b> <b>DD42</b> <b>MOB10</b>	1 x M 25						P 770 653	84 mm	770 652	28 mm
	<b>B16</b> <b>BA6</b> <b>BB32</b> <b>D40</b> <b>DD72</b> <b>MOB16</b>	1 x M 32	P 770 654 MS			84 mm	P 770 656	P 770 657	76 mm	770 655	28 mm
	<b>B24</b> <b>BB46</b> <b>D64</b> <b>DD108</b> <b>MOB24</b>	1 x M 32	P 770 658 MS			84 mm	P 770 660	P 770 661	76 mm	770 659	28 mm

Hoods		Protective caps		Coupler hoods		Protective caps		Panel housings	
for wall mount and panel housings with flap lid		without locking lever with retaining cord with gasket				without locking lever with retaining cord without gasket		without flap lid	with flap lid
Cable entry		Height		top cable entry		Height		Height	
top cable entry	side cable entry								
				P 743 610		77,5 mm		744 110	28 mm
				P 743 616 P 743 716		81,5 mm		744 116	28 mm
				P 743 624 P 743 724		81,5 mm		744 124	28 mm
P 733 203	P 733 003	Plastic 710 756	56 mm	P 733 603	Plastic 710 624	61,5 mm	734 103	734 203	28 mm
	P 733 006	Plastic 710 757	65 mm	P 733 606	Plastic 710 626	61,5 mm	734 106	734 206	28 mm
P 733 210 P 733 310	P 733 010 P 733 110	Plastic 710 758	65 mm	P 733 610 P 733 710	Plastic 710 628	61,5 mm	734 110	734 210	28 mm

## Series A 3 Connectors with Insulation Displacement Connection

Now you can also benefit from the convenience of IDC connection within a classic square connector - a 4-pole (3+PE) industrial connector of series A. Male and female versions in hoods and coupler hoods of plastic are available.



Thanks to insulation displacement connection it takes only a few seconds now to connect the 4-pole round conductor: Only the sleeve nut has to be slid onto the conductor – since splicing ring, seal and strain relief are included in the sleeve nut.

### Assembly

Lead the cores into the marked core entries and cut off the

Screw sleeve nut onto connector - and connection is ready.



Slide the sleeve nut of the IDC terminal onto the stripped conductor.

projecting core ends flush, i.e. so that there is no overhang.

To undo the connection just unscrew the sleeve nut.

#### Hoods with female insert

Height 66 mm for single locking lever

Part no. 700 724

#### Hoods with male insert

Height 66 mm for single locking lever

Part no. 700 725

#### Coupler hoods with female insert

Height 63 mm with single locking lever

Part no. 700 726

#### Coupler hoods with male insert

Height 63 mm with single locking lever

Part no. 700 727

## Housings

### Single locking system



Wall mount housings



Protective caps



Hoods



Protective caps

Series	Housings for inserts of series	Cable entry	without flap lid		with flap lid		with retaining cord, without gasket		for wall mount and panel housings, without flap lid		with locking lever with retaining cord with gasket	
			Height	Height	Height	Height	top cable entry	side cable entry	Height	Height		
Plastic housings	A 3 A 4 A 5 D 7 D 8	1 x M 20	light grey T 700 620		for housings with female insert 700 631 MD	25,5 mm	light grey T 700 625 MS	light grey T 700 624 MS				
			black T 700 671		for housings with male insert 700 631		black T 700 676 MS	Height 57 mm	black T 700 675 MS	Height 48 mm		
Zinc diecast housings	A 3 A 4 A 5 D 8	1 x M 20	T 701 403 T 701 003			25,5 mm	T 702 803 MS	T 702 603 MS				
							Height 57 mm	Height 48 mm				
series A	A 10 D 15	1 x M 20 2 x M 20	T 701 410 MS T 701 510 MS	T 701 610 MS T 701 710 MS		52 mm	T 702 810 MS	T 702 610 MS	700 637	53 mm		
		1 x M 25 1 x M 25					T 708 810 T 708 910	T 708 610 T 708 710		66 mm		
	A 16 D 25	1 x M 20 2 x M 20	T 701 416 MS T 701 516 MS	T 701 616 MS T 701 716 MS		57 mm	T 702 816 MS	T 702 616 MS	700 639	58 mm		
		1 x M 20 1 x M 25					T 708 816 T 708 916	T 708 616 T 708 716		72 mm		
series B	B 6 BB 10 DD 24 MOB 6	1 x M 20 2 x M 20 1 x M 25 2 x M 25 1 x M 32 2 x M 32	P 711 406 MS P 711 506 MS	P 711 606 MS P 711 706 MS		53 mm	P 712 806 P 712 806 00	P 712 606	Plastic 710 762	56 mm		
		1 x M 25 2 x M 25 1 x M 32 2 x M 32	P 751 424 MS P 751 524 MS P 757 424 MS P 757 524 MS	P 751 624 MS P 751 724 MS P 757 624 MS P 757 724 MS		74 mm	P 758 824 P 758 924	P 758 624 P 758 724	Aluminium 710 762 AL	72 mm		
	B 10 BB 18 DD 42 MOB 10	1 x M 20 2 x M 20 1 x M 25 2 x M 25 1 x M 32 2 x M 32	P 711 410 MS P 711 510 MS	P 711 610 MS P 711 710 MS		53 mm	P 712 810 P 712 810 00	P 712 610	Plastic 710 763	56 mm		
		1 x M 25 2 x M 25 1 x M 32 2 x M 32	P 751 442 MS P 751 542 MS P 757 442 MS P 757 542 MS	P 751 642 MS P 751 742 MS P 757 642 MS P 757 742 MS		74 mm	P 758 842 P 758 942	P 758 642 P 758 742	Aluminium 710 763 AL	72 mm		
	B 16 BA 6 BB 32 D 40 DD 72 MOB 16	1 x M 20 2 x M 20 1 x M 25 2 x M 25 1 x M 32 2 x M 32	P 711 416 MS P 711 516 MS	P 711 616 MS P 711 716 MS		68 mm	P 718 816 P 718 816 00 P 718 916 P 718 916 00	P 718 616 P 718 716	Plastic 710 764	65 mm		
		1 x M 32 2 x M 32 1 x M 40 2 x M 40	P 757 472 MS P 757 572 MS P 757 472 40 MS P 757 572 40 MS	P 757 672 MS P 757 772 MS P 757 672 40 MS P 757 772 40 MS		84 mm	P 728 940 P 728 940 00 P 728 940 40	P 728 740 P 728 740 40	Aluminium 710 764 AL	76 mm		
	B 24 BB 46 D 64 DD 108 MOB 24	1 x M 20 2 x M 20 1 x M 25 2 x M 25 1 x M 32 2 x M 32	P 711 424 MS P 711 524 MS	P 711 624 MS P 711 724 MS		68 mm	P 712 824 P 712 824 00 P 712 924 P 712 924 00	P 712 624 P 712 724	Plastic 710 765	65 mm		
		1 x M 32 2 x M 32 1 x M 40 2 x M 40	P 757 408 MS P 757 508 MS P 757 408 40 MS P 757 508 40 MS	P 751 608 MS P 751 708 MS P 757 608 40 MS P 757 708 40 MS		84 mm	P 718 924 P 718 924 00 P 718 924 40	P 718 724 P 718 724 40	Aluminium 710 765 AL	76 mm		
B 48 BB 92 BV 20 BV 26 BV 32 D 128 DD 216 MOB 24	1 x M 32 2 x M 32 1 x M 40 2 x M 40 1 x M 50 2 x M 50	T 711 448 MS T 711 548 MS T 711 448 40 MS T 711 548 40 MS	T 711 648 MS T 711 748 MS T 711 648 40 MS T 711 748 40 MS		100 mm	T 712 848 T 712 848 00 T 712 948 T 720 712	T 712 648 T 712 648 00 P 712 748 T 710 653			96 mm		



Coupler hoods		Protective caps		Panel housings		Protective caps	
without flap lid		without locking lever with retaining cord without gasket	Height	without flap lid	with flap lid	with retaining cord without gasket	Height
Cable entry top cable entry							
light grey T 700 623 MS		for housings with female insert 700 631 MD	60,5 mm	light grey 700 621 700 622		for housings with female insert 700 631 MD	24 mm
black T 700 674 MS		for housings with male insert 700 631		black 700 672 700 673		for housings with male insert 700 631	
T 703 803 MS			60,5 mm	704 303 704 503	704 403 704 403 OD		24 mm
T 703 810 MS		700 633	52 mm	704 310	704 410		26 mm
T 703 816 MS		700 635	57 mm	704 316	704 416		26 mm
P 713 806		Plastic 710 630	61,5 mm	714 306	714 406		28 mm
P 753 824 P 753 824 00 P 753 924		Aluminium 710 630 AL	77,5 mm				
P 713 810 P 713 810 00		Plastic 710 632	61,6 mm	714 310	714 410		28 mm
P 753 842 P 753 842 00 P 753 942		Aluminium 710 632 AL	77,5 mm				
P 713 816 P 713 816 00 P 713 916 P 713 916 00		Plastic 710 634	70,5 mm	714 316	714 416		28 mm
P 753 972 P 753 972 00 P 753 972 40		Aluminium 710 634 AL	81,5 mm				
P 753 808 P 753 808 00 P 753 908 P 753 908 00		Plastic 710 636	70,5 mm	714 324	714 424		28 mm
P 713 924 P 713 924 00 P 713 924 40		Aluminium 710 636 AL	81,5 mm				
				714 348	714 448		41 mm

## Housings

### Single locking system



Wall mount housings



Protective caps



Hoods



Protective caps

Series	Housings for inserts of series:	Cable entry	without flap lid		with flap lid		with retaining cord without gasket		for wall mount and panel housings, without flap lid		with locking lever with retaining cord with gasket	
			top cable entry	side cable entry	top cable entry	side cable entry	top cable entry	side cable entry	top cable entry	side cable entry	Height	Height
series <b>B</b>	<b>BHT 6</b>	1 x M 20 2 x M 20 1 x M 25 2 x M 25	P 741 406 MS P 741 506 MS						P 742 806	P 742 606		56 mm
	<b>BV 3</b>	1 x M 20 2 x M 20 1 x M 25 2 x M 25	P 731 403 P 731 503	P 731 603 P 731 703					P 732 803	P 732 603	Plastic 710 663	56 mm
	<b>BV 6</b>	1 x M 20 2 x M 20 1 x M 25 2 x M 25	P 731 406 P 731 506	P 731 606 P 731 706					P 732 806	P 732 606	Plastic 710 664	65 mm
	<b>BV 10</b> <b>BV 16</b>	1 x M 20 2 x M 20 1 x M 25 2 x M 25 1 x M 32 2 x M 32	P 731 410 P 731 510	P 731 610 P 731 710					P 732 810	P 732 610	Plastic 710 665	65 mm
	<b>BV 20</b> <b>BV 26</b> <b>BV 32</b>	1 x M 20 2 x M 20 1 x M 25 2 x M 25 1 x M 32 2 x M 32 1 x M 40	T 711 448 T 711 548	T 711 648 T 711 748					T 712 848 T 712 948	T 712 648 T 712 748		96 mm

## Housings

### Screw terminal connection

grey = standard  
silver = EMC  
black = increased environmental requirements



Hoods



Protective caps



Mounting flange



Protective caps

Series	Housings for inserts of series:	Cable entry	Housing colour	with screw terminal connection			for hoods		for screw-locked hoods	for mounting flange
				top cable entry	side cable entry	Height	for snapping-on		screw-locked	
series <b>B</b>	<b>B6</b> <b>BB10</b> <b>DD24</b> <b>MOB6</b>	1 x M 20 1 x M 25	grey silver black grey silver black	717 106 OV 717 106 OVEM 717 106 OVSP 717 206 OV 717 206 OVEM 717 206 OVSP	717 506 OV 717 506 OVEM 717 506 OVSP 717 606 OV 717 606 OVEM 717 606 OVSP	100 mm	<b>717 698</b>	717 001 FS	717 702	
	<b>B10</b> <b>BB18</b> <b>DD42</b> <b>MOB10</b>	1 x M 20 1 x M 25	grey silver black grey silver black	717 110 OV 717 110 OVEM 717 110 OVSP 717 210 OV 717 210 OVEM 717 210 OVSP	717 510 OV 717 510 OVEM 717 510 OVSP 717 610 OV 717 610 OVEM 717 610 OVSP	100 mm	717 699	717 001 FS	717 703	
	<b>B16</b> <b>BA6</b> <b>BB32</b> <b>D40</b> <b>DD72</b> <b>MOB16</b>	1 x M 25 1 x M 32	grey silver black grey silver black	717 216 OV 717 216 OVEM 717 216 OVSP 717 316 OV 717 316 OVEM 717 316 OVSP	717 616 OV 717 616 OVEM 717 616 OVSP 717 716 OV 717 716 OVEM 717 716 OVSP	100 mm	717 700	717 001 FS	717 704	
	<b>B24</b> <b>BB46</b> <b>D64</b> <b>DD108</b> <b>MOB24</b>	1 x M 32 1 x M 40	grey silver black grey silver black	717 324 OV 717 324 OVEM 717 324 OVSP 717 424 OV 717 424 OVEM 717 424 OVSP	717 724 OV 717 724 OVEM 717 724 OVSP 717 824 OV 717 824 OVEM 717 824 OVSP	100 mm	717 701	717 001 FS	717 705	

without flap lid Cable entry top cable entry		without locking lever with retaining cord without gasket		without flap lid with flap lid		with retaining cord, without gasket	
			Height				Height
P 743 806			77,5 mm	744 306			28 mm
P 733 803		Plastic 710 632	61,5 mm	734 303	734 403		28 mm
P 733 806		Plastic 710 632	70,5 mm	734 306	734 406		28 mm
P 733 810 P 733 910		Plastic 710 636	70,5 mm	734 310	734 410		28 mm
			61,5 mm	714 348	714 448		41 mm



## Housings

### Bayonet locking

grey = standard  
silver = EMC  
black = increased environmental requirements



Hoods



Protective caps



Mounting flange



Protective caps

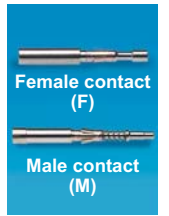
Series	Housings for inserts or series:	Cable entry	Housing colour	with bayonet locking			Height	for hoods		for bayonet locking	for mounting flange
				top cable entry	side cable entry			for snapping-on	for bayonet-locked		
series <b>B</b>	<b>B6</b> <b>BB10</b> <b>DD24</b> <b>MOB6</b>	1 x M 20	grey silver black	727 106 OV 727 106 OVEM 727 106 OVSP	727 506 OV 727 506 OVEM 727 506 OVSP	100 mm	717 698		727 001 FS	727 624	
		1 x M 25	grey silver black	727 206 OV 727 206 OVEM 727 206 OVSP	727 606 OV 727 606 OVEM 727 606 OVSP						
	<b>B10</b> <b>BB18</b> <b>DD42</b> <b>MOB10</b>	1 x M 20	grey silver black	727 110 OV 727 110 OVEM 727 110 OVSP	727 510 OV 727 510 OVEM 727 510 OVSP	100 mm	717 699		727 001 FS	727 625	
		1 x M 25	grey silver black	727 210 OV 727 210 OVEM 727 210 OVSP	727 610 OV 727 610 OVEM 727 610 OVSP						
	<b>B16</b> <b>BA6</b> <b>BB32</b> <b>D40</b> <b>DD72</b> <b>MOB16</b>	1 x M 25	grey silver black	727 216 OV 727 216 OVEM 727 216 OVSP	727 616 OV 727 616 OVEM 727 616 OVSP	100 mm	717 700		727 001 FS	727 626	
		1 x M 32	grey silver black	727 316 OV 727 316 OVEM 727 316 OVSP	727 716 OV 727 716 OVEM 727 716 OVSP						
	<b>B24</b> <b>BB46</b> <b>D64</b> <b>DD108</b> <b>MOB24</b>	1 x M 32	grey silver black	727 324 OV 727 324 OVEM 727 324 OVSP	727 724 OV 727 724 OVEM 727 724 OVSP	100 mm	717 701		727 001 FS	727 627	
		1 x M 40	grey silver black	727 424 OV 727 424 OVEM 727 424 OVSP	727 824 OV 727 824 OVEM 727 824 OVSP						

# Inserts

Technical data



Series	Series	No. of poles	Insert marking	Volt AC	Ampere	Screw terminal inserts		IDC terminal inserts		Push-In terminal inserts		Crimp contact carriers		
						Female insert Coding pin 710 600	Male insert Coding pin 710 600	Female insert Coding part 710 607	Male insert Coding part 710 607	Female insert Coding part 710 607	Male insert Coding part 710 607	Female insert Coding pin 710 600	Male insert Coding pin 710 600	
<b>A</b>	A3	3	1-3+PE	230 / 400	10	700 103	700 203							
	A4	4	1-4+PE			700 104	700 204							
	A5	5	1-5+PE								700 105	700 205		
	A10	10	1-10+PE	250	16	700 110	700 210					700 310	700 410	
A16	16	1-16+PE	700 116			700 216					700 316	700 416		
	A32	32	1-16+PE 17-32+PE	250	16	700 116 700 132	700 216 700 232					700 316 700 332	700 416 700 432	
<b>B</b>	B6	6	1-6+PE	500	16	710 106	710 206					710 306	710 406	
	B10	10	1-10+PE			710 110	710 210	710 106 01	710 206 01	710 110 04	710 210 04	710 310	710 410	
	B16	16	1-16+PE			710 116	710 216	710 116 01	710 216 01	710 116 04	710 216 04	710 316	710 416	
	B24	24	1-24+PE			710 124	710 224	710 124 01	710 224 01	710 124 04	710 224 04	710 324	710 424	
	B32	32	1-16+PE 17-32+PE			710 116	710 216	710 116 01	710 216 01	710 116 04	710 216 04	710 316	710 416	
	B48	48	1-24+PE 25-48+PE			710 132	710 232	710 132 01	710 232 01	710 132 04	710 232 04	710 332	710 432	
			710 124	710 224	710 124 01	710 224 01	710 124 04	710 224 04	710 324	710 424				
			710 148	710 248	710 148 01	710 248 01	710 148 04	710 248 04	710 348	710 448				
<b>BB</b>	BB10	10	1-10+PE	500	16							710 311	710 411	
	BB18	18	1-18+PE									710 318	710 418	
	BB32	32	1-32+PE									710 333	710 433	
	BB46	46	1-46+PE									710 346	710 446	
	BB64	64	1-32+PE 33-64+PE									710 333	710 433	
	BB92	92	1-46+PE 47-92+PE							710 364	710 464			
										710 346	710 446			
										710 392	710 492			
<b>BHT<sup>4)</sup></b>	BHT6	6	1-6+PE	400	16	710 106 HT	710 206 HT							
	BHT10	10	1-10+PE			710 110 HT	710 210 HT							
	BHT16	16	1-16+PE			710 116 HT	710 216 HT							
	BHT24	24	1-24+PE			710 124 HT	710 224 HT							
<b>BA</b>	BA6	6	1-6+PE	400 / 690	35	710 620	710 621							
	BA12	12	1-6+PE 7-12+PE			710 620 710 692	710 621 710 693							
<b>BV</b>	BV3	3	1-3+PE	690	16	730 103	730 203					730 303	730 403	
	BV6	6	1-6+PE			730 106	730 206					730 306	730 406	
	BV10	10	1-10+PE			730 110	730 210					730 310	730 410	
	BV16	16	1-16+PE			730 116	730 216							
	BV20	20	1-10+PE 1-10+PE			730 110	730 210					730 310	730 410	
	BV26	26	1-10+PE 1-16+PE			730 110	730 210					730 310	730 410	
	BV32	32	1-16+PE 1-16+PE	730 116	730 216									
			730 116	730 216										
<b>D</b>	D7	7	1-7+PE	250	10							720 307	720 407	
	D8	8	1-8	50	10							720 308	720 408	
	D15	15	1-5 A-C									720 315	720 415	
	D25	25	1-9 A-C									720 325	720 425	
	D40	40	1-10 A-D									720 340	720 440	
	D50	50	1-9 A-C	250	10							720 325	720 425	
	D64	64	1-16 A-D									720 364	720 464	
	D80	80	1-10 A-D									720 340	720 440	
	D128	128	1-16 A-D									720 364	720 464	
<b>DD</b>	DD24	24	1-24+PE	250	10							750 124	750 224	
	DD42	42	1-42+PE										750 142	750 242
	DD72	72	1-72+PE										750 172	750 272
	DD108	108	1-108+PE										750 108	750 208
	DD72	144	1-72+PE 1-144+PE										750 172	750 272
	DD144	144	1-144+PE										750 144	750 244
	DD108	216	1-108+PE 1-216+PE								750 108	750 208		
	DD216	216	1-216+PE								750 116	750 216		



**Crimp contacts for crimp contact carriers**

	0,14 - 0,37 mm <sup>2</sup>	0,50 mm <sup>2</sup>	0,75	1,0 mm <sup>2</sup>	1,5 mm <sup>2</sup>	2,5 mm <sup>2</sup>	4,0 mm <sup>2</sup>	For polymer optical fibre (POF)
for contact insert	for contact insert	for contact insert	for contact insert	for contact insert	for contact insert	for contact insert	for contact insert	for contact insert
Female	Female (F) Male (M)	Female (F) Male (M)	Female (F) Male (M)	Female (F) Male (M)	Female (F) Male (M)	Female (F) Male (M)	Female (F) Male (M)	Female (F) Male (M)
700 734 coding part	710 508 (F) 710 518 (M)	710 504 (F) 710 514 (M)	710 509 (F) 710 519 (M)	710 500 (F) 710 510 (M)	710 501 (F) 710 511 (M)	710 502 (F) 710 512 (M)	710 503 (F) 710 513 (M)	710 521 (F) 710 531 (M)
700 734 coding part	710 508 (F) 710 518 (M)	710 504 (F) 710 514 (M)	710 509 (F) 710 519 (M)	710 500 (F) 710 510 (M)	710 501 (F) 710 511 (M)	710 502 (F) 710 512 (M)	710 503 (F) 710 513 (M)	710 521 (F) 710 531 (M)
700 734 coding part	710 508 (F) 710 518 (M)	710 504 (F) 710 514 (M)	710 509 (F) 710 519 (M)	710 500 (F) 710 510 (M)	710 501 (F) 710 511 (M)	710 502 (F) 710 512 (M)	710 503 (F) 710 513 (M)	710 521 (F) 710 531 (M)
	710 508 (F) 710 518 (M)	710 504 (F) 710 514 (M)	710 509 (F) 710 519 (M)	710 500 (F) 710 510 (M) Switch contact 710 515	710 501 (F) 710 511 (M) Switch contact 710 515	710 502 (F) 710 512 (M) Switch contact 710 515	710 503 (F) 710 513 (M)	710 520 (F) 710 530 (M)
720 696 Dummy contact	720 506 (F) 720 516 (M)	720 507 (F) 720 517 (M)	720 508 (F) 720 518 (M)	720 508 (F) 720 518 (M)	720 509 (F) 720 519 (M)	720 502 (F) 720 512 (M)		720 520 (F) 710 530 (M)
720 696 Dummy contact	720 506 (F) 720 516 (M)	720 507 (F) 720 517 (M)	720 508 (F) 720 518 (M)	720 508 (F) 720 518 (M)	720 509 (F) 720 519 (M)	720 502 (F) 720 512 (M)		720 520 (F) 710 513 (M)

# Inserts

## Series MO



### Series

<b>MO B6</b>		Female frame 770 006 for 2 contact carriers
		Male frame 770 106 for 2 contact carriers
<b>MO B10</b>		Female frame 770 010 for 3 contact carriers
		Male frame 770 110 for 3 contact carriers
<b>MO B16</b>		Female frame 770 016 for 5 contact carriers
		Male frame 770 116 for 5 contact carriers
<b>MO B24</b>		Female frame 770 024 for 7 contact carriers
		Male frame 770 124 for 7 contact carriers
		Removal tool for contact carriers 779 300

Series	Series	No. of poles	Insert marking	Volt AC	Ampere	Insert	Contacts							
<b>MO</b>	MO 3P koax	3	with-out	250	-		Female 771 203		772 400	772 410				
	MO 3P koax	3	with-out	250	-		Male 771 303		772 500	772 510				
	MO 2P	1	+PE	1000	80		Female 771 401							
	MO 2P	1	+PE	1000	80		Male 771 501							
	MO 2P	2	1-2	1000	80		Female 771 402							
	MO 2P	2	1-2	1000	80		Male 771 502							

Series	Series	No. of poles	Insert marking	Volt AC	Ampere	Insert				Contacts				
MO	MO 3P	3	1-3	630	50		Female 771 003		1,5 mm <sup>2</sup> 772 030	2,5 mm <sup>2</sup> 772 040	4,0 mm <sup>2</sup> 772 050	6,0 mm <sup>2</sup> 772 060	10,0 mm <sup>2</sup> 772 070	
	MO 3P	3	1-3	630	50		Male 771 303		1,5 mm <sup>2</sup> 772 130	2,5 mm <sup>2</sup> 772 140	4,0 mm <sup>2</sup> 772 150	6,0 mm <sup>2</sup> 772 160	10,0 mm <sup>2</sup> 772 170	
	MO 3.1P	3	1-3	1000	50		Female 771 403		1,5 mm <sup>2</sup> 772 030	2,5 mm <sup>2</sup> 772 040	4,0 mm <sup>2</sup> 772 050	6,0 mm <sup>2</sup> 772 060	10,0 mm <sup>2</sup> 772 070	
	MO 3.1P	3	1-3	1000	50		Male 771 503		1,5 mm <sup>2</sup> 772 130	2,5 mm <sup>2</sup> 772 140	4,0 mm <sup>2</sup> 772 150	6,0 mm <sup>2</sup> 772 160	10,0 mm <sup>2</sup> 772 170	
	MO 3.1P	3	1-3	1000	50		Female 771 605		0,14 - 0,37 mm <sup>2</sup> 710 508	0,5 mm <sup>2</sup> 710 504	0,75 mm <sup>2</sup> 710 509	1,0 mm <sup>2</sup> 710 500	1,5 mm <sup>2</sup> 710 501	2,5 mm <sup>2</sup> 710 502
	MO 3.1P	3	1-3	1000	50		Male 771 705		0,14 - 0,37 mm <sup>2</sup> 710 518	0,5 mm <sup>2</sup> 710 514	0,75 mm <sup>2</sup> 710 519	1,0 mm <sup>2</sup> 710 510	1,5 mm <sup>2</sup> 710 511	2,5 mm <sup>2</sup> 710 512
	MO 4P +PE	4 +PE	1-4 +PE	1000	16		Female 771 610		0,5 - 1,5 mm <sup>2</sup> 773 200	1,5 - 2,5 mm <sup>2</sup> 773 230	2,5 - 4,0 mm <sup>2</sup> 773 260			
	MO 4P +PE	4 +PE	1-4 +PE	1000	16		Male 771 710		0,5 - 1,5 mm <sup>2</sup> 773 300	1,5 - 2,5 mm <sup>2</sup> 773 330	2,5 - 4,0 mm <sup>2</sup> 773 360			
	MO 5.1P	5	1-5	1000	16		Female 771 620		0,5 - 1,5 mm <sup>2</sup> 773 200	1,5 - 2,5 mm <sup>2</sup> 773 230	2,5 - 4,0 mm <sup>2</sup> 773 260			
	MO 5.1P	5	1-5	1000	16		Male 771 720		0,5 - 1,5 mm <sup>2</sup> 773 300	1,5 - 2,5 mm <sup>2</sup> 773 330	2,5 - 4,0 mm <sup>2</sup> 773 360			
	MO 5P	5	1-5	400	20		Female 771 005		0,5 mm <sup>2</sup> 772 210	0,75 - 1 mm <sup>2</sup> 772 220	1,5 mm <sup>2</sup> 772 230	2,5 mm <sup>2</sup> 772 240	4,0 mm <sup>2</sup> 772 250	
	MO 5P	5	1-5	400	20		Male 771 105		0,5 mm <sup>2</sup> 772 310	0,75 - 1 mm <sup>2</sup> 772 320	1,5 mm <sup>2</sup> 772 330	2,5 mm <sup>2</sup> 772 340	4,0 mm <sup>2</sup> 772 350	
	MO 10P	10	1-10	250	10		Female 771 010		0,14 - 0,37 mm <sup>2</sup> 720 506	0,5 mm <sup>2</sup> 720 507	0,75 - 1 mm <sup>2</sup> 720 508	1,5 mm <sup>2</sup> 720 509	2,5 mm <sup>2</sup> 720 502	optical fibre 720 520
	MO 10P	10	1-10	250	10		Male 771 110		0,14 - 0,37 mm <sup>2</sup> 720 516	0,5 mm <sup>2</sup> 720 517	0,75 - 1 mm <sup>2</sup> 720 518	1,5 mm <sup>2</sup> 720 519	2,5 mm <sup>2</sup> 720 512	optical fibre 720 530
	MO 20P	20	1-20	63	5		Female 771 020		0,09 - 0,25 mm <sup>2</sup> 773 000	0,25 - 0,5 mm <sup>2</sup> 773 001				
	MO 20P	20	1-20	63	5		Male 771 120		0,09 - 0,25 mm <sup>2</sup> 773 100	0,25 - 0,5 mm <sup>2</sup> 773 101				
	MO RJ45	4+ 8		400	13		Female 775 000		0,14 - 0,37 mm <sup>2</sup> 720 506	0,5 mm <sup>2</sup> 720 507	0,75 - 1 mm <sup>2</sup> 720 508	1,5 mm <sup>2</sup> 720 509	2,5 mm <sup>2</sup> 720 502	optical fibre 720 520
	MO RJ45	4+ 8		400	13		Male 775 100		0,14 - 0,37 mm <sup>2</sup> 720 516	0,5 mm <sup>2</sup> 720 517	0,75 - 1 mm <sup>2</sup> 720 518	1,5 mm <sup>2</sup> 720 519	2,5 mm <sup>2</sup> 720 512	optical fibre 720 530
	MO RJ45	8					RJ45 720 545							
	MO Universal Bus	4+ *		30	1		Female 775 010							
	MO Universal Bus	4+ *		30	1		Male 775 110							
	MO DP Profi Bus	2/ 4+ *		30	1		Female 775 020							
	MO DP Profi Bus	2/ 4+ *		30	1		Male 775 120							
	MO 1P Pneu	1+ 2		8 bar			Female 771 001		Female 771 002		Female 771 004		Female 771 006	
MO 1P Pneu	1+ 2		8 bar			Male 771 101		Male 771 102		Male 771 104		Male 771 106		
MO 0						Female 771 000								
MO 0						Male 771 100								

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