Screw-mountable hoods and hoods with bayonet lock

You save ... the panel housing additional stock types costs



The hoods are available in four sizes ...



... and for three application areas:

Standard grey colour

for harsh environmental requirements colour black

for EMC (electromagnetic compatibility) colour silver

Your advantages:

High protection degree: IP 67 / IP 68

High housing size: 100 mm

Large cable entry:
M 40 already possible with B 6

High vibration/impact resistance: due to screw locking

Mounting flange set

Consisting of 2 flanges, 4 self-tapping screws (M 4) and 4 lock washers.



On standard switch cabinet cut-outs the two flanges are fixed with metric screws M 4 or M 5 and matching nuts.



Standard switch cabinet cut-out with **mounted flange**:



... for screw-mountable hoods



... for hoods with bayonet lock

Hoods:



... screw mountable hoods = protection degree IP 68



... hoods with bayonet lock= protection degree IP 67

Protective caps:



... for screwmountable hoods



. for hoods with bayonet lock



Screw-mountable hoods / hoods with bayonet lock

Specifications

Regulations: DIN VDE 0627, DIN VDE 0110,

DIN EN 61 984

Approvals: UR, CSA, SEV, MEIE, EZÜ

Number of poles: 6 - 108 + PE

Electrical data:

See individual series.

Housings grey, standard:

Material: Aluminium die casting Surface: Powder coated

Housing seal: NBR

Temperature range: - 40 °C up to + 125 °C

Protection degree acc. to DIN EN 60 529
• in screwed condition: IP 68
• in locked condition (bayonet): IP 67

Housings silver, electromagnetic compatibility (EMC):

Material: aluminium die cast
Surface: powder coated
Housing seal: NBR conductive
Temperature range: -40 °C up to + 125 °C

Protection degree acc. to DIN EN 60 529
• in screwed condition IP 68
• in locked condition (bayonet): IP 67

Housings black, for harsh environmental requirements:

Material: Aluminium die casting Surface: Powder coated

Housing seal: Viton

Temperature range: - 40 °C up to + 200 °C

Protection degree acc. to DIN EN 60 529
• in screwed condition: IP 68
• in locked condition (bayonet): IP 67

For all three housings types (grey, silver, black) applies:

Locking screws: stainless steel
Bayonet lock: metal V2
gasket viton

gasket vito plastic V0

Application hint:

Heavy duty connectors are electrical devices which must not be inserted or separated under load!



Page

Screw-mountable hoods and hoods with bayonet lock

B 6, BB 10, BHT 6, DD 24, MOB 6 **145**



Screw-mountable hoods and hoods with bayonet lock

B 10, BB 18, BHT 10, DD 42, MOB 10 **147**



Screw-mountable hoods and hoods with bayonet lock

B 16, BB 32, BHT 16,

BA 6, D 40, DD 72, MOB 16 **149**



Screw-mountable hoods and hoods with bayonet lock

B 24, BB 46, BHT 24, D 64, DD 108, MOB 24



Flange sets

144, 146, 148, 150

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Protective caps

145, 147, 149, 151





Short overview of installation possibilities for series A 10 and D 15 inserts in screw-mountable hoods and hoods with bayonet lock

	Screw term	inal inserts	Crimp cont	act carriers	IDC i	nserts	Push-ir	inserts		adapters housings
B 6	Female insert, screw terminal, with wire protec- tion, Part no. 710 106	Male insert, screw termi- nal, with wire protection, Part no. 710 206	Crimp contact carrier for sleeve contacts Part no. 710 306	Crimp contact carrier for pin contacts Part no. 710 406	IDC terminal	Male insert, IDC terminal 1 Part no. 710 206 01		Male insert, push-in terminal Part 710 206 04	Wiring adapter, female insert, earth pin o.t. right: Part no. 710 657	Wiring adapter, male insert, earth pin o.t. rigl Part no. 710 66 :
p. 22	VERE !	There of	Vereit	Neer J		A JULY	The second	Auto,		
	Female insert, screw terminal, w/o wire protection, Part no. 710 769	Male insert, screw termi- nal, w/o wire protection, Part no. 710 773							earth pin o.t. left: Part no. 710 661	earth pin o.t. lef Part no. 710 66
BB 10			Crimp contact carrier for sleeve contacts Part no. 710 311	Crimp contact carrier for pin contacts Part no. 710 411						
p. 23										
BHT 6	Female insert, screw terminal, with wire protection, Part no. 710 106 HT	Male insert, screw termi- nal, with wire protection, Part no. 710 206 HT								
p.154										
DD 24			Crimp contact carrier for sleeve contacts Part no. 750 124	Crimp contact carrier for pin contacts Part no. 750 224						
p. 58										
MOB 6	Female frame MO B6 fo	r 2 contact carriers		4.	Male fran	me MO B6 for 2 conta	ct carriers		0	
p. 71	for pin and sleeve conta (frame coding A-B)	cts Par	no. 770 006			nd sleeve contacts oding A-B)		Part no. 770 10		

Contacts for crimp contact carriers of series ...

B 6: page 22 DD 24: page 58

MO: page 73, 75, 77, 79, 81, 83 and 85

Description	Part no.	Accessories for hoods (screw-mountable / with bayonet lock)	
Flange sets			
for screw-mountable hoods with 2 flanges, 4 screws, 4 lock washers. Female or male insert is mounted directly on the flanges - saves the panel housing!	717 000 FS		1 25
for hoods with bayonet lock with 2 flanges, 4 screws, 4 lock washers. Female or male insert is mounted directly on the flanges - saves the panel housing!	727 000 FS		1 25

4 The page reference at the left of the table guides you to the detailed overview of inserts.



Description	Part no.	М	Hoods (screw-mountable / with bayonet lock, for series B 6, BB 10, BHT 6, DD 24, MOB 6	9
Screw-mountable h	noods		M20 x 1,5 / M25 x 1,5	
Height 100 mm, top cable entry grey ¹⁾ silver ²⁾ black ³⁾	717 106 OV 717 106 OVEN 717 106 OVSF		2 x M 6 x 18 with steel pressure disc and O-ring	10 284 284 284
Height 100 mm, top cable entry grey 1) silver 2) black 3)	717 206 OV 717 206 OVEN 717 206 OVSF		92 137 	10 278 278 278
Hoods with bayone	et lock			
Height 100 mm, top cable entry grey 1) silver 2) black 3)	727 106 OV 727 106 OVEN 727 106 OVSF		Panel cut out: Elange mounting: 1 x flange set has to be ordered separately: 70 717 000 FS (for screw-mountable hoods) or 727 000 FS (for hoods with bayonet lock)	10 299 299 299
Height 100 mm, top cable entry grey ¹⁾ silver ²⁾ black ³⁾	727 206 OV 727 206 OVEN 727 206 OVSF		For bayonet lock (727000FS) For screw lock (717000FS)	10 293 293 293
Screw-mountable h	noods		2 ea. M 6 x 18 with steel	
Height 100 mm, side cable entry grey ¹⁾ silver ²⁾ black ³⁾	717 506 OV 717 506 OVEN 717 506 OVSF		with steel pressure disc and O-ring with steel pressure disc and O	10 284 284 284
Height 100 mm, side cable entry grey 1) silver 2) black 3)			137 gasket	10 278 278 278
Hoods with bayone	et lock			
Height 100 mm, side cable entry grey 1) silver 2) black 3)	727 506 OV 727 506 OVEN 727 506 OVSF		Panel cut out: Elange mounting: 1 x flange set hast to be ordered separately: 70 717 000 FS (for screw-mountable hoods) or 727 000 FS (for hoods with bayonet lock)	10 299 299 299
Height 100 mm, side cable entry grey 1) silver 2) black 3)			For bayonet lock (727000FS) For bayonet lock (717000FS)	10 293 293 293

Protective caps

for screw-mountable hoods

for mounting side and hood,

for snapping on,

with retaining cord, IP 50 717 698

for mounting side, with screw lock, with retaining cord, IP 65

717 702

for hoods with bayonet lock

for mounting side, with bayonet

lock, with retaining cord, IP 65 727 624

²⁾ silver = EMC (electromagnetic compatibility)





Short overview of installation possibilities for series B 10, BB 18, BHT 10, DD 42 and MOB 10 inserts in screw-mountable hoods and hoods with bayonet lock

	Screw term	inal inserts	Crimp contact carriers		IDC inserts		Push-in inserts		Wiring adapters for panel housings	
B 10	Female insert, screw terminal, with wire protection, Part no. 710 110	Male insert, screw termi- nal, with wire protection, Part no. 710 210	Crimp contact carrier for sleeve contacts Part no. 710 310	Crimp contact carrier for pin contacts Part no. 710 410	Female insert, IDC terminal Part 710 110 01	Male insert, IDC terminal Part 710 210 01	Female insert, push-in terminal Part no. 710 110 04	Male insert, push-in terminal Part no. 710 210 04	Wiring adapter, female insert, earth pin o.t. right: Part no. 710 658	Wiring adapter, male insert, earth pin o.t. righ Part no. 710 666
p. 24 to 25	Female insert, screw terminal, w/o wire protection, Part no. 710 770	Male insert, screw terminal, w/o wire protection, Part no. 710 774		There of	Anna R	Associate R		Tubyli v	earth pin o.t. left: Part no. 710 662	earth pin o.t. left Part no. 710 67 0
BB 18			Crimp contact carrier for sleeve contacts	for pin contacts						
p. 25			Part no. 710 318	Part no. 710 418						
BHT 10	Female insert, screw terminal, with wire protection, Part no. 710 110 HT	Male insert, screw terminal, with wire protection, Part no. 710 210 HT								
ŀp. 156										
DD 42			Crimp contact carrier for sleeve contacts Part no. 750 142	Crimp contact carrier for pin contacts Part no. 750 242						
p. 59				A Mary 1						
MOB 10	Female frame MO B10 fo	or 3 contact carriers			Male fram	e MO B10 for 3 cor	ntact carriers			
p. 71	for pin and sleeve contact (frame coding A-C) for pin and sleeve contact		no. 770 010 no. 770 410		(frame co	d sleeve contacts ding A-C) d sleeve contacts (2	2 x PE)	Part no. 770 11 Part no. 770 5 1		

$4\,4\,$ The page reference at the left of the table guides you to the detailed overview of inserts.

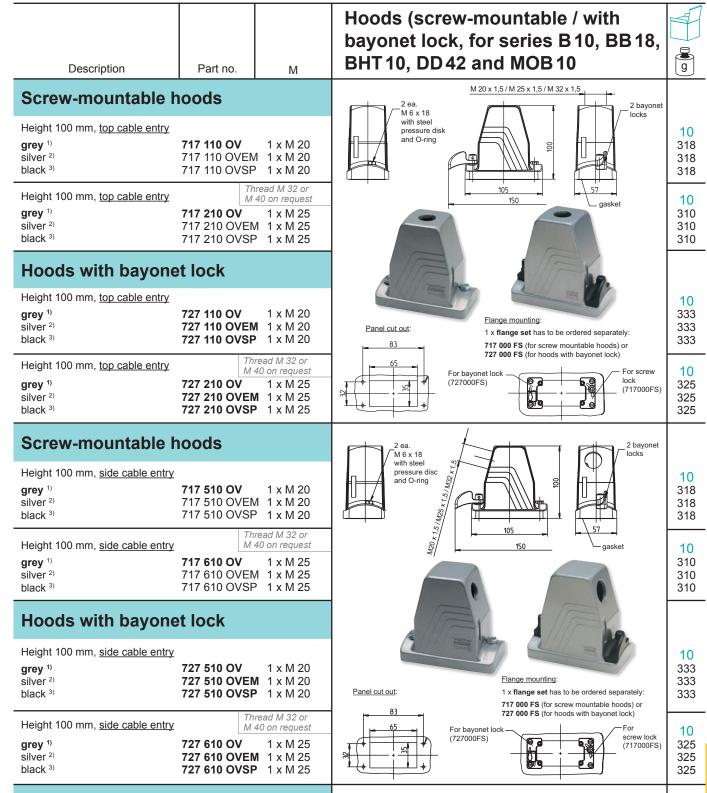
$\underline{\textbf{Contacts for crimp contact carriers of series}}\ \underline{...}$

B 10: page 24 DD 42: page 59

MO: page 73, 75, 77, 79, 81, 83 and 85

Description	Part no.	Accessories for hoods (screw-mountable / with bayonet lock)	9
Flange sets			
for screw-mountable hoods with 2 flanges, 4 screws, 4 lock washers. Female or male insert is mounted directly on the flanges - saves the panel housing!	717 000 FS		1 25
for hoods with bayonet lock with 2 flanges, 4 screws, 4 lock washers. Female or male insert is mounted directly on the flanges - saves the panel housing!	727 000 FS	3666	1 25





Protective caps

for screw-mountable hoods

for mounting side and hood,

for snapping on,

with retaining cord, IP 50 717 699

for mounting side, with screw lock,

with retaining cord, IP 65 717 703

for hoods with bayonet lock

for mounting side, with bayonet lock, with retaining cord, IP 65 **727 625**





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Short overview of installation possibilities for series B16, BB32, BHT16, BA6, D40, DD 72 and MOB 16 inserts in screw-mountable hoods and hoods with bayonet lock

	Screw term	inal inserts	Crimp conta	act carriers	IDC inserts	Push-in inserts		adapters housings
B 16	Female insert, screw terminal, Part no. 710 116	Male insert, screw terminal, Part no. 710 216	Crimp contact carrier for sleeve contacts Part no. 710 316	Crimp contact carrier for pin contacts Part no. 710 416	Female insert, Male insert, IDC terminal IDC terminal Part no. 710 116 01 Part no. 710 216	Female insert, push-in terminal push-in terminal push-in termin Part 710 116 04 Part 710 216 0		Wiring adapter, male insert, earth pin o.t. right Part no. 710 667
p. 26 to 27	Secretary.	Control of	* secrete	The section of	annana P	A THE PARTY OF THE	earth pin o.t. left: Part no. 710 663	earth pin o.t. left Part no. 710 67 1
BB 32			Crimp contact carrier for sleeve contacts Part no. 710 333	Crimp contact carrier for pin contacts Part no. 710 433				
p. 27			Pat 10. 710 333	Part 110. 710 433				
BHT 16	Female insert, screw terminal, Part no. 710 116 HT	Male insert, screw terminal, Part no. 710 216 HT						
∔ p. 158	THE THE P	THEFT !						
BA 6	Female insert, screw terminal, Part no. 710 620	Male insert, screw terminal, Part no. 710 621						
p. 36	q Debelon							
D 40			Crimp contact carrier for sleeve contacts Part no. 720 340	Crimp contact carrier for pin contacts Part no. 720 440			Wiring adapter, female insert, earth pin o.t. left: Part no. 720 633	Wiring adapter, male insert, earth pin o.t. left Part no. 720 632
p. 46 to 47			The state of the s	A THE PARTY OF THE				
DD 72			Crimp contact carrier for sleeve contacts Part no. 750 172	Crimp contact carrier for pin contacts Part no. 750 272				
p. 60								
MOB 16	for pin and sleeve co	16 for 5 contact carriers	s Part no. 770 016		Male frame MO B16 for 5 contact of for pin and sleeve contacts	arriers Part no. 770 116		
p. 71	(frame coding A - E) for pin and sleeve co		Part no. 770 416	P.B. P. W.	(frame coding A - E for pin and sleeve contacts (2 x PE) Part no. 770 516	REFERE	

Contacts for crimp contact carriers of series B 16: p. 26 / D 40: p. 47 / DD 72: p. 61 / MO: p. 73, 75, 77, 79, 81, 83 and 85

Description	Part no.	Accessories for hoods (screw-mountable / with bayonet lock)	9
Flange sets for screw-mountable hoods with 2 flanges, 4 screws, 4 lock washers. Female or male insert is mounted directly on the flanges - saves the panel housing!	717 000 FS		1 25
for hoods with bayonet lock with 2 flanges, 4 screws, 4 lock washers. Female or male insert is mounted directly on the flanges - saves the panel housing!	727 000 FS	3666	1 25



Hoods (screw-mountable / with bayonet lock, for series B16, BB32, 8 BHT 16, BA 6, D 40, DD 72, MOB 16 g Description Part no. Μ M 25 x 1.5 / M 32 x 1.5 / M 40 x 1.5 Screw-mountable hoods 2 bayonet 2 ea. M 6 x 18 locks with steel pressure disc and O-ring Height 100 mm, top cable entry 10 1 x M 25 grey 1) 344 717 216 OV silver 2) 717 216 OVEM 1 x M 25 344 black 3) 717 216 OVSP 1 x M 25 344 Thread M 40 Height 100 mm, top cable entry 10 grey 1) 717 316 OV 1 x M 32 336 silver 2) 717 316 OVEM 1 x M 32 336 black 3) 717 316 OVSP 1 x M 32 336 Hoods with bayonet lock Height 100 mm, top cable entry 10 grey 1) 727 216 OV 359 1 x M 25 **727 216 OVEM** 1 x M 25 silver 2) 359 Panel cut out 1 x flange set has to be ordered separately: 727 216 OVSP 359 black 3) 1 x M 25 717 000 FS (for screw mountable hoods) or 727 000 FS (for hoods with bayonet lock) Thread M 40 Height 100 mm, top cable entry 10 on request lock (727000FS) 351 grey 1) 727 316 OV 1 x M 32 (717000FS) silver 2) **727 316 OVEM** 1 x M 32 351 black 3) 727 316 OVSP 1 x M 32 351 Screw-mountable hoods 2 bayonet locks M 6 x 18 with steel pressure disk Height 100 mm, side cable entry 10 and O-ring 344 grey 1) 717 616 OV 1 x M 25 silver 2) 717 616 OVEM 1 x M 25 344 black 3) 717 616 OVSP 1 x M 25 344 Thread M 40 Height 100 mm, side cable entry on request 10 grey 1) 717 716 OV 1 x M 32 336 silver 2) 717 716 OVEM 1 x M 32 336 black 3) 717 716 OVSP 1 x M 32 336 Hoods with bayonet lock Height 100 mm, side cable entry 10 727 616 OV 359 grev 1) 1 x M 25 Panel cut out: Flange mounting: silver 2) **727 616 OVEM** 1 x M 25 359 1 x flange set has to be ordered separately: black 3) **727 616 OVSP** 1 x M 25 359 717 000 FS (for screw mountable hoods) or 727 000 FS (for hoods with bayonet lock) Thread M 40 Height 100 mm, side cable entry For screw lock on request 10 bayonet lock (727000FS) grey 1) 727 716 OV 1 x M 32 351 silver 2) **727 716 OVEM** 1 x M 32 351 black 3) 727 716 OVSP 1 x M 32 351



for screw-mountable hoods

for mounting side and hood,

for snapping on,

with retaining cord, IP 50 717 700

for mounting side, with screw lock,

with retaining cord, IP 65 717 704

for hoods with bayonet lock

for mounting side, with bayonet

lock, with retaining cord, IP 65 727 626





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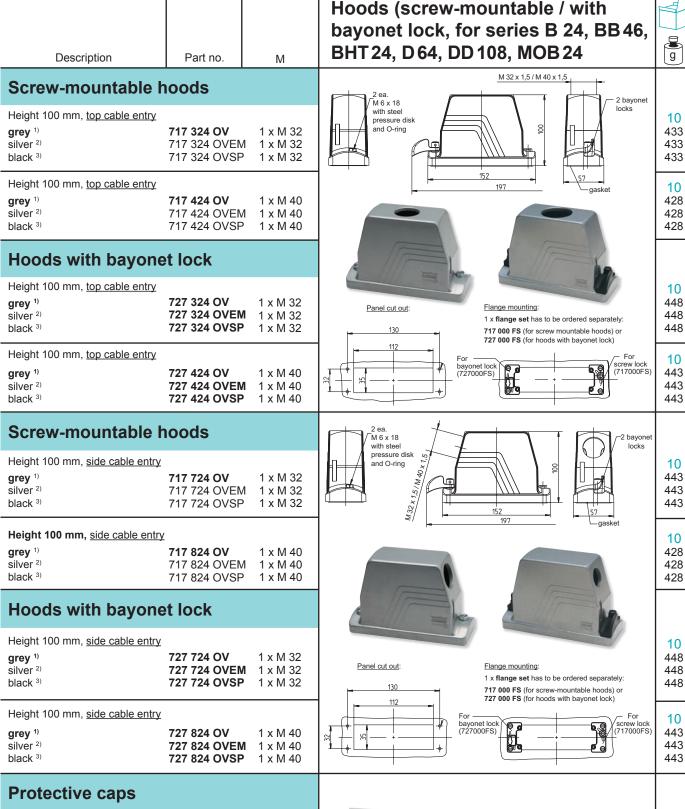
Short overview of installation possibilities for series B24, BB46, BHT24, D64, DD108 and MOB 24 inserts in screw-mountable hoods and hoods with bayonet lock

	Screw terminal inserts	Crimp contact carriers	IDC inserts	Push-in inserts	Wiring adapters for panel housings
B 24	Female insert, screw terminal, with wire protection, Part no. 710 124 Male insert, screw terminal, with wire protection, Part no. 710 224	Crimp contact carrier for sleeve contacts Part no. 710 324 Crimp contact Part no. 710 424	Female insert, IDC terminal Part 710 124 01 Part 710 224 01	Female insert, push-in terminal Part 710 124 04 Part 710 224 04	Wiring adapter, female insert, earth pin o.t. right: Part no. 710 660 Wiring adapter, male insert, earth pin o.t. right Part no. 710 668
p. 28 to 29	without wire protection Part no. 710 772 without wire protection Part no. 710 776	on The state of th	II THE I'M	90 00	earth pin on the left: earth pin on the Part no. 710 664 Part no. 710 67
BHT 24	Female insert, screw terminal, with wire protection, Part no. 710 124 HT Male insert, screw terminal, with wire protection, Part no. 710 124 HT				
p. 160	THE CHARLES				
BB 46		Crimp contact carrier for sleeve contacts Part no. 710 346 Crimp contact carrier for pin contacts Part no. 710 446			
p. 29					
D 64		Crimp contact carrier for sleeve contacts Part no. 720 364 Crimp contact carrier for pin contacts Part no. 720 464			Wiring adapter, female insert, earth pin o.t. left: Part no. 720 635 Wiring adapter, male insert, earth pin o.t. left Part no. 720 636
p. 49 to 50		The state of the s			
DD 108		Crimp contact carrier for sleeve contacts Part no. 750 108 Crimp contact carrier for pin contacts Part no. 750 208			
p. 62					
MOB 24	Female frame MO B24 for 7 contact carriers for pin and sleeve contacts (frame coding A-G)	Part no. 770 024	Male frame MO B24 for 7 contact contacts (frame coding A-G)	arriers Part no. 770 124	
p. 71	for pin and sleeve contacts (2 x PE)	Part no. 770 424	for pin and sleeve contacts (2 x PE)	Part no. 770 324	PERSON DE

Contacts for crimp contact carriers of series B 24: p. 28 / D 64: p. 50 / DD 108: p. 63 / MO: p. 73, 75, 77, 79, 81, 83 and 85

Description	Part no.	Accessories for hoods (screw-mountable / with bayonet lock)	g
Flange sets			
for screw-mountable hoods with 2 flanges, 4 screws, 4 lock washers. Female or male insert is mounted directly on the flanges - saves the panel housing!	717 000 FS		1 25
for hoods with bayonet lock with 2 flanges, 4 screws, 4 lock washers. Female or male insert is mounted directly on the flanges - saves the panel housing!	727 000 FS		1 25





for screw-mountable hoods

for mounting side and hood,

for snapping on,

with retaining cord, IP 50 717 701

for mounting side, with screw lock,

with retaining cord, IP 65 717 705

for hoods with bayonet lock

for mounting side, with bayonet

lock, with retaining cord, IP 65 727 627

2) silver = EMC (electromagnetic compatibility)



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