



Series B HT inserts are made of special high temperature resistant plastic material, suitable for temperatures up to max. 200 °C including self-heating.



Series B HT housings are made of sea-water resistant die-cast aluminium alloy. The seals are made of Viton and are temperature resistant up to 200 °C. The locking levers are made of stainless steel.

The housings of series B HT can also accommodate inserts of other series. This solution is applicable if there are no difficulties with regard to heat but where high quality aluminium die cast has to be used because of the harsh environmental application area.



Series B HT

Specifications

Regulations: DIN VDE 0627, DIN VDE 0110,

DIN EN 61 984

Number of poles: 6, 10, 16, 24 + PE

Electrical data acc. to DIN EN 61 984:

Rated current Rated voltage Rated surge Pollution degree

Material: High temperature resistant plastic

Temperature range: up to + 200 °C

Mechanical operating life:

Mating cycles: ≥ 500

Contacts

 $\begin{array}{ll} \text{Material:} & \text{copper alloy} \\ \text{Surface - hard silver plated:} & 3 \ \mu\text{m Ag} \end{array}$

Contact resistance: $< 1 \text{ m } \Omega$

Screw terminal with wire protection: 2,5 mm² (14 AWG)

Torque/testing torque: 0,5 Nm Wire stripping length: 7 mm

Housings

Material:

Aluminium die cast, sea water resistant
Surface:

Double locking levers:
Single locking levers:
stainless steel
stainless steel

Housing seal: Viton

Temperature range: up to + 200 °C

Protection degree acc. to DIN EN

60 529, in locked condition: IP 65

Application hint:

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

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B HT 6 pole + 🖶

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B HT 10 pole + (=)

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B HT 16 pole + ⊕

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B HT 24 pole + (=)

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Description	Part no.		Series B HT	6 P + ⊕ 16 A / 500 V		9
Screw terminal i	inserts B	HT 6				
Female insert Screw terminal with wire protection 0,5-2,5 mm² (20-14 AWG)	710 106 HT			44 51	27 34	10 54
Male insert Screw terminal with wire protection 0,5-2,5 mm² (20-14 AWG)	710 206 HT			44 51	27 34	10 52
Contact arrange	ment		Panel cut out	View from te	rmination side	
			27 20 3.4 - 36 - 4	Female insert 35 1 0 0 4 2 0 0 5 3 0 0 6	Male insert	



Description	Previous part number	New part number	M	Series B HT 6	g old / new
Housings: si	ngle locki	ng system		Discontinued model	
Wall mount housi with single locking syste		mm			
with collar	741 406 OV	P 741 406 MS	1 x M 20		10 213/226
with collar	741 506 OV	P 741 506 MS	2 x M 20	New design 40 52 70 \$5.5	213/226
Panel housings, h	em				10
Panel cut out 52 x 35 mm	744 306			$\begin{array}{c c} 70 \\ \hline 80 \\ \hline \end{array}$	135
Coupler hoods, he with single locking system				Discontinued model	
with threaded hole with collar	- / - 743 806 OV	P 743 806 P 743 806 MS	1 x M 20	New design thread 45	10 - /188 260/212
Hoods, height 56 for single locking system				Discontinued model	10
with threaded hole with collar	-/- 742 606 OV	P 742 606 P 742 606 MS	1 x M 20	New design	10 - /110 94 / 125
Hoods, height 56 for single locking system	mm m, top cable entry			Discontinued model	40
with threaded hole with collar	- / - 742 806 OV	P 742 806 P 742 806 MS	1 x M 20	New design thread	10 - /110 86/ 125

Housings also suitable for inserts / contact carriers of series B 6 and DD 24



Description	Part no.		Series B HT	10 P + (=) 16 A / 500 V		
Screw terminal in	nserts B	HT 10				
Female insert Screw terminal with wire protection 0,5-2,5 mm² (20-14 AWG)	710 110 HT			57	27 34	10 71
Male insert Screw terminal with wire protection 0,5-2,5 mm² (20-14 AWG)	710 210 HT		A didding.	57	27 34	10 67
Contact arrange	ment		Panel cut out	View from terr	nination side	
			3.4 — 49	Female insert 1 0 0 6 2 0 0 7 3 0 0 8 4 0 0 9 5 0 0 10	Male insert (a) 6 0 0 1 7 0 0 2 8 0 0 3 9 0 0 4 10 0 0 5	





Description	Previous part number	New part number	M	Series B HT 10	g old / new
Housings: d	ouble lock	ing system	า	Discontinued model	
Wall mount hous with double locking sys	ings, height 53	mm			
with collar	741 010 OV	P 741 010 MS	1 x M 20		10 183/260
with collar	741 110 OV	P 741 110 MS	2 x M 20	New design 82 93 116 52 50 \$5.50	183/259
Panel housings, with double locking sys					
Panel cut out 65 x 35 mm	744 110			83 93 116 93 43 64.	10 171
Coupler hoods, h	neight 77,5 mm stem, top cable entry	у		Discontinued model	
with threaded hole with collar	- / - 743 610 OV	P 743 610 P 743 610 MS	1 x M 20		10 - /228 290/243
				New design 116 73 56 56 56 56 56 56 56 56 56 56 56 56 56	
Hoods, height 56 for double locking syste	mm em, side cable entry	/		Discontinued model	
with threaded hole with collar	-/- 742 010 OV	P 742 010 P 742 010 MS	1 x M 20	New design	10 - /128 114/143
				Discontinued	
Hoods, height 56 for double locking systems	mm em, top cable entry			model 3	10
with threaded hole with collar	-/- 742 210 OV	P 742 210 P 742 210 MS	1 x M 20	New design thread	10 - /128 107/143

Housings also suitable for inserts / contact carriers of series B 10 and DD 42



Description	Part no.		Series B HT	16 P + (=			9
Screw terminal in	nserts B	HT 16					
Female insert Screw terminal with wire protection 0,5-2,5 mm² (20-14 AWG)	710 116 HT		FEFFERE	77.5 84.5	1	27	10 96
Male insert Screw terminal with wire protection 0,5-2,5 mm² (20-14 AWG)	710 216 HT		A database of	77.5. 84.5	32	27	10 96
Contact arrange	ment		Panel cut out			nation side Male	
			77.5			9 0 0 1	
			27 20	7 0	O 13 O 14 O 15	9 0 1 10 0 0 2 11 0 0 3 12 0 0 4 13 0 0 5 14 0 0 6 15 0 0 7 16 0 0 8	



Description	Previous part number	New part number	M	Series B HT 16	g old / new
Housings: do	ouble lock	ing system	1	Discontinued model	
Wall mount housing with double locking systems	ngs, height 68	mm		8	40
without cable gland	741 016 OV	P 741 016 MS	1 x M 25		10 387/370
without cable gland	741 116 OV	P 741 116 MS	2 x M 25	New design	387/368
				105 117 137	
Panel housings, h					
with recess for labels (clips)	744 116				10 189
Panel cut out 86 x 35 mm				103 114 137 37	
Coupler hoods, he with double locking system	eight 81,5 mm em, top cable entry	I		Discontinued model	10
with threaded hole with collar	- / - 743 616 OV	P 743 616 P 743 616 MS	1 x M 25		10 - /26 370/28
With Collar	74001000	1 740 010 MO			010720
with threaded hole with collar	- / - 743 716 OV	P 743 716 P 743 716 MS	1 x M 32		- /258 386/29
				New design thread thread	
Hoods, height 65 if for double locking system	mm m, side cable entry	,		Discontinued model	
with threaded hole with collar	- / - 748 016 OV	P 748 016 P 748 016 MS	1 x M 25	New design	10 - /164 237/186
				Discontinued 94 43	
Hoods, height 65 if	mm m, top cable entry			model	
with threaded hole	-/-	P 748 216	1 x M 25	New design	10 - /16
with collar	748 216 OV	P 748 216 MS		thread 55	235/18

Housings also suitable for inserts / contact carriers of series B 16, BA 6, D 40 and DD 72



Description	Part no.	Series B HT	24 P + (=) 16 A / 400 V	g
Screw terminal in	nserts B HT 24			
Female insert Screw terminal with wire protection 0,5-2,5 mm² (20-14 AWG)	710 124 HT	CHEEREFEE DEP	504 1111	10 140
Male insert Screw terminal with wire protection 0,5-2,5 mm² (20-14 AWG)	710 224 HT	Terrecepter 1	104 111	10 120
Contact arrange	ment	Panel cut out	View from termination side Female Male	
		27 20	insert insert 1	



Description	Previous part number	New part number	M	Series B HT 24	g old / new
Housings: do	uble lock	ing system	1	Discontinued model	
Wall mount housings, height 68 mm with double locking system					
with collar	741 024 OV	P 741 024 MS	1 x M 25		10 473/428
with collar	741 124 OV	P 741 124 MS	2 x M 25	New design 132 132 144 163	461/425
Panel housings, he with double locking system					
with recess for labels (clips)	744 124			130 132 01.5	10 202
Panel cut out 112 x 35	mm			140 164 57	
Coupler hoods, he with double locking system		1		Discontinued model	10
with threaded hole with collar	- / - 743 624 OV	P 743 624 P 743 624 MS	1 x M 25	163	- /304 432/326
with threaded hole with collar	- / - 743 724 OV	P 743 724 P 743 724 MS	1 x M 32	New design thread	- /301 454/334
Hoods, height 76 r	nm n, side cable entry			Discontinued model	
with threaded hole with collar	- / - 748 024 OV	P 748 024 P 748 024 MS	1 x M 25	New	10 - /235 322/257
with threaded hole with collar	- / - 748 124 OV	P 748 124 P 748 124 MS	1 x M 32	Discontinued model	- /230 334/263
Hoods, height 76 r for double locking system				120	
with threaded hole with collar	- / - 748 224 OV	P 748 224 P 748 224 MS	1 x M 25	New design	10 - /236 321/258
with threaded hole with collar	- / - 748 324 OV	P 748 324 P 748 324 MS	1 x M 32	120	- /233 317/266

Housings also suitable for inserts / contact carriers of series B 24, D 64 and DD 108