



Type 749 04

Type 746 03

2

Technical data

GHG 746 03 up to 188 terminals GHG 749 04 up to 296 terminals	
Marking accd. to 94/9/EC	⊕ II 2 G Ex e IIC T4/T5/T6 Gb / Ex e ib [ia/ib] IIC T4/T5/T6 Gb / ⊕ II 2 D Ex tb IIIC T80 °C/T95 °C Db IP6X
EC-Type Examination Certificate	BVS 12 ATEX E 118X
IECEX Certificate of Conformity	IECEX BVS 12.0071X
Marking accd. to IECEx	Ex e IIC T4/T5/T6 Gb Ex tb IIIC T80 °C/T95 °C Db IP6X
Permissible ambient temperature	-20 °C to +40 °C -55 °C to +55 °C (option)
Rated voltage	690 V
Rated current	depends on terminal mounting
Protection class	I
Degree of protection accd. to EN 60529	IP66
Enclosure material	glass-fibre reinforced polyester
Enclosure colour	black

GHG 746 03 up to 188 terminals								
Connecting terminals	300 mm ²							
Dimensions (L x W x H)	544 x 271 x 136 mm							
Weight	approx. 4.2 kg							
Drillings/cable glands	M12	M16	M20	M25	M32	M40	M50	M63
Max. number down	120	72	52	36	20	14	8	6
Max. number flange plastic	46	25	20	11	8	4	3	2
Max. number flange metal	-	-	11	9	5	3	3	2
Terminal mounting space on the terminal rail	horiz. 2 x 510 mm / vert. 4 x 230 mm							
Max. number of terminals	2.5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	25 mm ²	35 mm ²	
acc. to certification	2 x 94	2 x 78	2 x 59	2 x 47	40	40	32	

GHG 749 04 up to 296 terminals								
Connecting terminals	up to 240 mm ²							
Dimensions (L x W x H)	817 x 271 x 136 mm							
Weight	approx. 5.8 kg							
Drillings/cable glands	M12	M16	M20	M25	M32	M40	M50	M63
Max. number down	180	108	78	54	30	21	12	9
Max. number flange plastic	46	25	20	11	8	4	3	2
Max. number flange metal	-	-	11	9	5	3	3	2
Terminal mounting space on the terminal rail	horiz. 2 x 795 mm / vert. 6 x 230 mm							
Max. number of terminals	2.5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	25 mm ²	35 mm ²	
acc. to certification	2 x 148	2 x 124	2 x 94	2 x 75	63	63	51	

Ex-e/Ex-i terminal box



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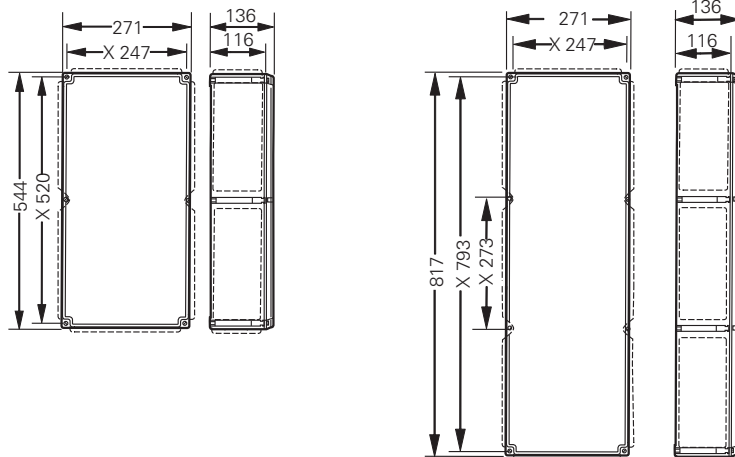
Ordering details

Content	Cable gland	No. of terminals	Order No.
Type 746 03 up to 188 terminals assembled with screw terminals 2 x 4 mm² + PE-rail 4 mm²			
Ex-e	2 x palstic flange down without drilling	1 x Ex-e ¹⁾ 2 x 14 x PE	GHG 746 0301 R0002
Type 749 04 up to 296 terminals assembled with screw terminals 2 x 2.5 mm² + PE-rail 4 mm²			
Ex-e	3 x palstic flange down without drilling	1 x Ex-e ¹⁾ 3 x 14 x PE	GHG 749 0401 R0001

¹⁾ according to type examination certificate individual extensible

Other versions available on request

Dimension drawing



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X = fixing dimensions