



Type 749 04



Type 746 03

Technical data

GHG 746 03 up to 188 terminals | GHG 749 04 up to 296 terminals

Marking accd. to 2014/34/EU	Ⓔ 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 <sup>2</sup>							
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 acc. to certification	2.5 mm <sup>2</sup> 2 x 94	4 mm <sup>2</sup> 2 x 78	6 mm <sup>2</sup> 2 x 59	10 mm <sup>2</sup> 2 x 47	16 mm <sup>2</sup> 40	25 mm <sup>2</sup> 40	35 mm <sup>2</sup> 32	

GHG 749 04 up to 296 terminals

Connecting terminals	up to 240 mm <sup>2</sup>							
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 acc. to certification	2.5 mm <sup>2</sup> 2 x 148	4 mm <sup>2</sup> 2 x 124	6 mm <sup>2</sup> 2 x 94	10 mm <sup>2</sup> 2 x 75	16 mm <sup>2</sup> 63	25 mm <sup>2</sup> 63	35 mm <sup>2</sup> 51	

## GHG 746/ GHG749 Ex-e/Ex-i terminal box



Type 746 03



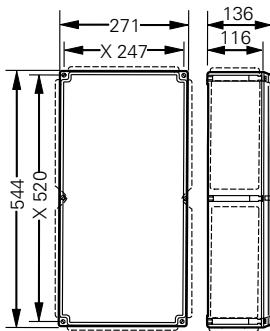
Type 749 04

### Ordering details

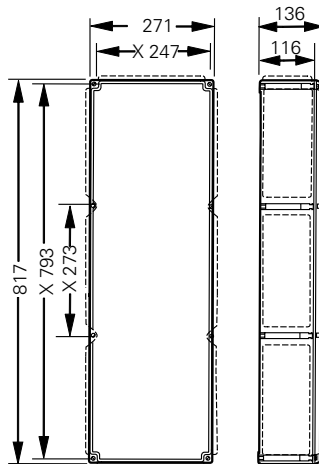
Content	Cable gland	No. of terminals	Order No.
<b>Type 746 03 up to 188 terminals assembled with screw terminals 2 x 4 mm<sup>2</sup> + PE-rail 4 mm<sup>2</sup></b>			
Ex-e	2 x palstic flange down without drilling	1 x Ex-e <sup>1)</sup> 2 x 14 x PE	<b>GHG 746 0301 R0002</b>
<b>Type 749 04 up to 296 terminals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

<sup>1)</sup> according to type examination certificate individual extensible  
Other versions available on request

### Dimension drawing



Type 746 03



Type 749 04

X = fixing dimensions

#### Authorised Distributor:



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