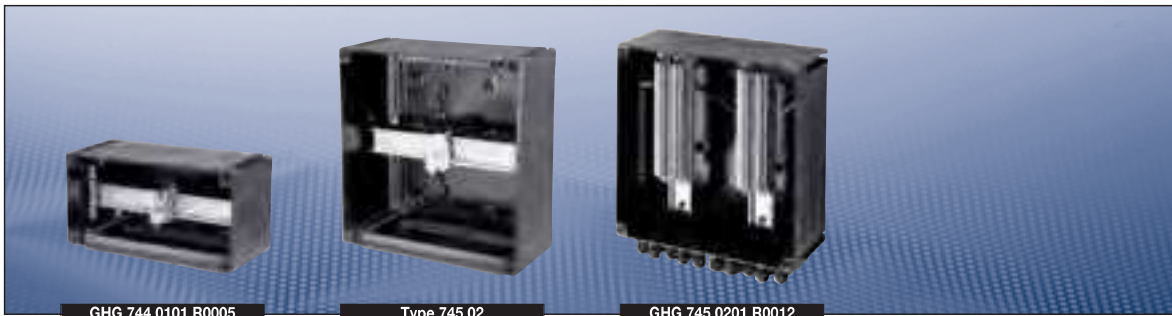


## Ex-e/Ex-i terminal box



### Technical data

#### GHG 744 01 up to 40 terminals | GHG 745 02 up to 82 terminals

Marking to 94/9/EC	Ⓔ II 2 G Ex de ia/ib [ia/ib] m IIC T4 / Ⓔ II 2 D Ex tD A21 IP66 T 80 °C
EC-Type Examination Certificate	PTB 99 ATEX 1044
IECEX certification of conformity	IECEX BK1 05.0006
Marking accd. to IECEX	Ex ed ia/ib m [ia/ib] IIC T4 – T6 Ex tD A21 IP66 T80 °C
Permissible ambient temperature	–20 °C to +40 °C –55 °C to +55 °C (option)
Rated voltage	690 V
Rated current	Depends on terminal mounting
Insulation class	I
Degree of protection accd. EN 60529	IP66
Enclosure material	Glass-fibre reinforced polyester
Enclosure colour	black

#### GHG 744 01 up to 31 terminals

Connecting terminals	up to 25 mm <sup>2</sup>							
Dimensions (L x W x H)	271 x 134 x 136 mm							
Weight	approx. 1.5 kg							
Drillings/cable glands	M12	M16	M20	M25	M32	M40	M50	M63
Max. number down	60	36	26	18	10	7	4	3
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	1 x 230 mm							
	2.5 mm <sup>2</sup>	4 mm <sup>2</sup>	6 mm <sup>2</sup>	10 mm <sup>2</sup>	16 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>	
Max. number of terminals acc. to certification	31	31	24	24	23	15	7	

#### GHG 745 02 up to 82 terminals

Connecting terminals	up to 70 mm <sup>2</sup>								
Dimensions (L x W x H)	271 x 270 x 36 mm								
Weight	approx. 2.5 kg								
Drillings/cable glands	M12	M16	M20	M25	M32	M40	M50	M63	
Max. number down	60	36	26	18	10	7	4	3	
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	2 x 230 mm								
	2.5 mm <sup>2</sup>	4 mm <sup>2</sup>	6 mm <sup>2</sup>	10 mm <sup>2</sup>	16 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>	50 mm <sup>2</sup>	70 mm <sup>2</sup>
Max. number of terminals acc. to certification	38	38	29	29	23	16	15	9	9