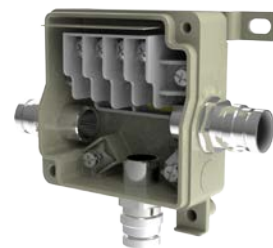




GHG 711 3 with pillar-terminals



GHG 711 2 with ST-terminals



GHG 711 1 with MK-terminals

2

Technical data

	Type 711 1 (size 1)	Type 711 2 (size 2)	Type 711 3 (size 3)
EC-Type Examination Certificate	BVS 16 ATEX E 007		
IIEC-Ex Certificate of Conformity	IECEX BVS 16.0007		
Marking accd. to 2014/34/EU	Ⓢ II 2 G Ex [ia/ib] (d e mb) IIC T4/T5/T6 Gb Ⓢ II 2 D Ex tb IIIC T80° C (T95° C) Db		
Marking accd. to IECEx	Ex [ia/ib] (d e mb) IIC T4/T5/T6 Gb Ex tb IIIC T80° C (T95° C) Db		
Permissible ambient temperature	-55 °C up to +80 °C ¹⁾		
IIK-class according to EN 50102	IK 10 $\pm$ 20 J		
Rated voltage	up to 690 V AC / DC		
Rated current	max. 20 A (depends on used components)	max. 32 A (with pillar terminals)	max. 125 A depends on used components)
Max. power dissipation at Tu +40 °C	max. 3,8 W (T6) / max. 5,3 W (T5)	max. 7,7 W (T6) / max. 10 W (T5)	max. 13 W (T6) / max. 18 W (T5)
Max. power dissipation at Tu +55 °C	max. 2,4 W (T6) / max. 3,8 W (T5)	max. 4,8 W (T6) / max. 7,7 W (T5)	max. 8,3 W (T6) / max. 13 W (T5)
Frequency	50 - 60 Hz		
Terminals ³⁾ cage-clamp (ZFKK) pillar terminals (MK) Wago plug-in terminal block - small rail (ST) serial terminals MXk4 or Mut 4 (RK) screw terminal (SK)	3 x 4 x 2,5 mm ² + 2 x 2 x 2,5 mm ² 4 x 4 x 2,5 mm ²	3 x 4 x 2,5 mm ² + 2 x 2 x 2,5 mm ² (up to 20 A) 4 x 4 mm ² - 2 x 8 x 6 mm ² (up to 32 A) 4 x 4 x 2,5 mm ² 2 x 2 x 2,5 mm ² - 10 mm ²	3 x 4 x 2,5 mm ² + 2 x 2 x 2,5 mm ² 4 x 4 x 4 mm ² - 2 x 4 x 6 mm ² 4 x 4 x 2,5 mm ² 2,5 mm ² - 6 mm ²
PE-terminal external	1 x 4 - 6 mm ²	2 x 4-6 mm ²	2 x 1,5 mm ² - 6 mm ² up to 10 mm ²
PE-terminal internal	2 x 2,5 - 6 mm ²	2 x 2 x 2,5 - 6 mm ²	2 x 2,5 mm ² up to 10 mm ²
Weight	approx. 0,4 kg ⁴⁾	approx. 0,7 kg ⁴⁾	approx. 1,2 kg ⁴⁾
Enclosure material	Aluminium die-cast AISi10Mg (Cu <0,1%)		
Enclosure colour	RAL 7032 pebble grey, RAL 5015 (Ex-i application) or unpainted (on request)		
Cable glands / gland plates / enclosure drilling	M12 - M40 ADE 1F2 (depends on size) other types on request		
Degree of protection accd. to EN 60529	IP66 ²⁾		

2) Standard; other degree of protection on request

3) For Ex-e terminal boxes the max. current load must be observed

4) depends on the configuration

Ex-junction box GHG 711



GHG 711 3 with pillar-terminals



GHG 711 2 with ST-terminals



GHG 711 1 with MK-terminals

Max. number of cable glands

Cable glands/Thread (max. number/side)	GHG 711 1 - size 1				GHG 711 2 - size 2				GHG 711 3 - size 3			
	Bottom	Top ¹⁾	Left	Right	Bottom	Top ¹⁾	Left	Right	Bottom	Top ¹⁾	Left	Right
M12	1	-	1	1	7	5	2	2	14	5	4	4
M16	1	-	1	1	3	3	1	1	8	-	3	3
M20	-	-	-	-	2	2	1	1	3	-	2	2
M25	-	-	-	-	2	-	1	1	2	-	1	1
M32	-	-	-	-					2	-	-	-
M40	-	-	-	-					1	-	-	-

¹⁾ In use of cable glands from the top please only use in dry rooms or mount protected against moisture

Max. number of conductors GHG 711 1

Rated current (A)	Cable cross section (mm²)																
	1.5	2.5	4	6	10	16	25	35	50								
6 A	12	In this range as many terminals can be added as physically fit the available mounting dimension and according to the instructions.															
10 A	10									12							
16 A	4									11							
20 A		5															
25 A																	
35 A																	
50 A																	
63 A																	
80 A	The terminal content in this range requires a power dissipation test report from the manufacturer.																
100 A																	
125 A																	

Max. number of conductors GHG 711 2

Rated current (A)	Cable cross section (mm²)																
	1.5	2.5	4	6	10	16	25	35	50								
6 A	30	In this range as many terminals can be added as physically fit the available mounting dimension and according to the instructions.															
10 A	10									20							
16 A	4									11	22						
20 A		5	12														
25 A			3														
35 A																	
50 A																	
63 A																	
80 A	The terminal content in this range requires a power dissipation test report from the manufacturer.																
100 A																	
125 A																	

Max. number of conductors GHG 711 3

Rated current (A)	Cable cross section (mm ²)									
	1.5	2.5	4	6	10	16	25	35	50	
6 A	41		In this range as many terminals can be added as physically fit the available mounting dimension and according to the instructions.							
10 A	14	27								
16 A	5	16								
20 A		7	17	33						
25 A			5	13						
35 A										
50 A										
63 A										
80 A										
100 A										
125 A										



GHG 711 3 with pillar-terminals



GHG 711 2 with ST-terminals



GHG 711 1 with MK-terminals

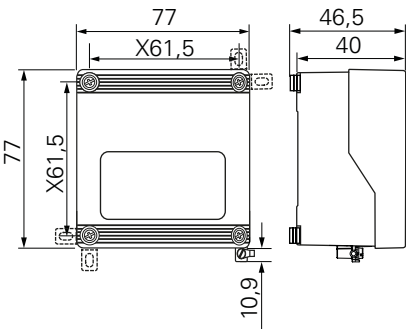
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Ordering details

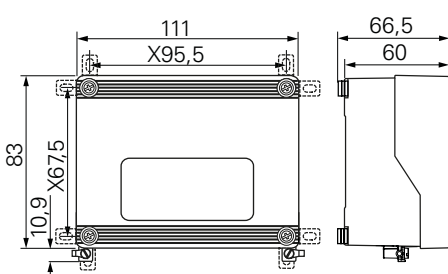
Type	Colour (RAL)	Cable glands ²⁾	Clamping range	Terminal type	Order No.
Typ 711 1 Size 1					
GHG 711 1	7032	3 x M16	Ø 7 - 12 mm	SK - 4 x 2.5 mm²	GHG 711 1101 R0011
GHG 711 1	7032	3 x M16	Ø 7 - 12 mm	ZFKK - 5 x 2.5 mm²	GHG 711 1101 R0012
Typ 711 2 Size 2					
GHG 711 2	7032	2 x M20	Ø 10 - 16 mm	MK 4 x 4 mm²	GHG 711 2101 R0002
GHG 711 2	7032	4 x M20	Ø 10 - 16 mm	MK 4 x 4 mm²	GHG 711 2101 R0003
Typ 711 3 Size 3					
GHG 711 3	7032	4 x M20	Ø 10 - 16 mm	MK 8 x 4 mm²	GHG 711 3101 R0001
GHG 711 3	7032	4 x M25	Ø 13.5 - 20,5 mm	MK 8 x 4 mm²	GHG 711 3101 R0002

²⁾ Cable glands type Capri ADE 1F2
SK = Terminal block with screw-terminals
ZFKK= Cage-clamp
MK = pillar terminals
RK = serial terminals

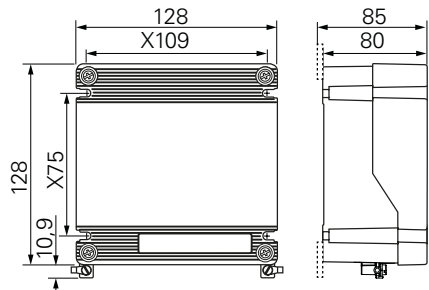
Dimension drawings



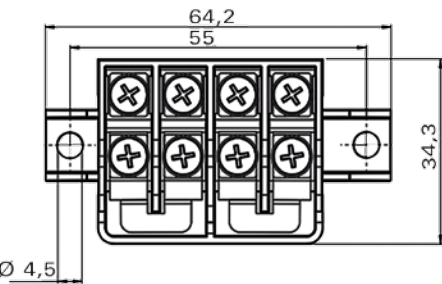
GHG 71* 1 - size 1



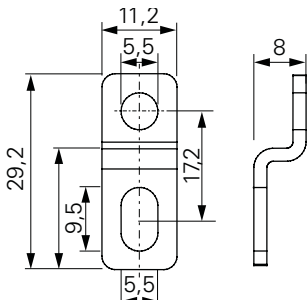
GHG 71* 1 - size 2



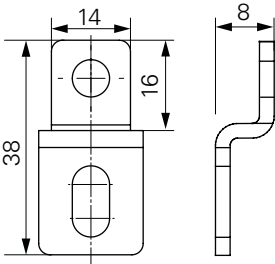
GHG 71* 1 - size 3



terminal block with screw terminals



Mounting flaps Size 1-2



Mounting flaps Size 3

X = fixing dimensions

Accessories and spare parts

GHG 71

Ordering details accessories/spare parts

Type	Order unit	Order No.
Accessories/spare parts terminal/junction box		
Enclosure cover GHG71 RAL7032 Size1 with cover screws	1	GHG7101905R0001
Enclosure cover GHG71 RAL7032 Size2 with cover screws	1	GHG7101905R0002
Enclosure cover GHG71 RAL7032 Size3 with cover screws	1	GHG7101905R0003
Enclosure cover GHG71 RAL7032 Size4 with cover screws	1	GHG7101905R0004
Enclosure cover GHG71 RAL7032 Size5 with cover screws	1	GHG7101905R0005
Enclosure cover GHG71 RAL7032 Size6 with cover screws	1	GHG7101905R0006
Enclosure cover GHG71 RAL7032 Size7 with cover screws	1	GHG7101905R0007
Enclosure cover GHG71 RAL7032 Size8 with cover screws	1	GHG7101905R0008
Enclosure cover GHG71 RAL5015 Size1 with cover screws	1	GHG7101905R0009
Enclosure cover GHG71 RAL5015 Size2 with cover screws	1	GHG7101905R0010
Enclosure cover GHG71 RAL5015 Size3 with cover screws	1	GHG7101905R0011
Enclosure cover GHG71 RAL5015 Size4 with cover screws	1	GHG7101905R0012
Enclosure cover GHG71 RAL5015 Size5 with cover screws	1	GHG7101905R0013
Enclosure cover GHG71 RAL5015 Size6 with cover screws	1	GHG7101905R0014
Enclosure cover GHG71 RAL5015 Size7 with cover screws	1	GHG7101905R0015
Enclosure cover GHG71 RAL5015 Size8 with cover screws	1	GHG7101905R0016
Terminal block screw terminals GHG71 with fixing material	1	GHG7101906R0001
Sheath terminals EAZK with fixing material	5	GHG7101906R0002
PE terminals for PE rail GHG71	10	GHG7101907R0001
PE rail set for GHG71 Size 3 (PE rail, holder and mounting material)	1	GHG7101907R0002
PE rail set for GHG71 Size 4 (PE rail, holder and mounting material)	1	GHG7101907R0003
PE rail set for GHG71 Size 5 (PE rail, holder and mounting material)	1	GHG7101907R0004
PE rail set for GHG71 Size 6 (PE rail, holder and mounting material)	1	GHG7101907R0005
PE rail set for GHG71 Size 7 (PE rail, holder and mounting material)	1	GHG7101907R0006
PE rail set for GHG71 Size 8 (PE rail, holder and mounting material)	1	GHG7101907R0007
Cable lug set for GHG71. comprising 2 cable lugs of each size	1	GHG7101908R0001
Mounting flaps GHG71 Size 4-8 Set, comprising 4 mounting flaps plus mounting material	1	GHG7101901R0002
Mounting flaps GHG71 Size 3 Set, comprising 4 mounting flaps plus mounting material	1	GHG7101901R0003
Mounting flaps GHG71 Size 1-2 Set, comprising 4 mounting flaps plus mounting material	1	GHG7101901R0001
DIN rail holder GHG71	10	GHG7101903R0001
Terminal rail GHG71 Size 3 L=103 mm (DIN rail, suspended)	5	GHG7101909R0001
Terminal rail GHG71 Size 4 L=200 mm (DIN rail, suspended)	5	GHG7101909R0002
Terminal rail GHG71 Size 5 L=159 mm (DIN rail, suspended)	5	GHG7101909R0003
Terminal rail GHG71 Size 6 L=254 mm (DIN rail, suspended)	5	GHG7101909R0004
Terminal rail GHG71 Size 7 L=254 mm (DIN rail, suspended)	5	GHG7101909R0005
Terminal rail GHG71 Size 8 L=539 mm (DIN rail, suspended)	5	GHG7101909R0006
GHG71 internal mounting plate size 3	1	GHG7101911R0001
GHG71 internal mounting plate size 4	1	GHG7101911R0002
GHG71 internal mounting plate size 5	1	GHG7101911R0003
GHG71 internal mounting plate size 6	1	GHG7101911R0004
GHG71 internal mounting plate size 7	1	GHG7101911R0005
GHG71 internal mounting plate size 8	1	GHG7101911R0006