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Technical data

GHG 791 01 up to 6 terminals / GHG 791 02 up to 8 terminals

| | |
|--|---|
| Marking accd. to 94/9/EC | ⊕ II 2 G Ex dem ia II, IIC T6 / ⊕ II 2 D Ex tD A21 IP66 T80 °C |
| EC-Type Examination Certificate | PTB 00 ATEX 3108 |
| IECEX Certificate of Conformity | IECEX BKI 07.0034 |
| Marking accd. to IECEx | Ex e II T6 / Ex ia IIC T6 Ex tD A21 IP66 T58 °C |
| Permissible ambient temperature | -20 °C to +40 °C / -55 °C to +40 °C (option) |
| Rated voltage | 690 V / 550 V ¹⁾ |
| Rated current | depends on terminal cross section |
| Terminal cross section | max. 3 x 4 mm ² or 1 x 10 mm ² with pin cable lug + 1 x 2.5 mm ² fine wire max. 3 x 6 mm ² or 4 x 4 mm ² solid-wire |
| Protection class | I |
| Degree of protection accd. to EN 60529 | IP66 |
| Enclosure material | Polyamide |

GHG 791 01 up to 6 terminals

| | |
|--------------------------------|--|
| Cable entry/enclosure drilling | max. 4 x M25 for cable Ø 10 - 17 mm max. 4 x M20 metal thread |
| Connecting terminals | 4 x + 1 PE |
| Dimensions (L x W x H) | 81.5 x 100 x 61 mm |
| Weight | approx. 0.3 kg |

GHG 791 02 up to 8 terminals

| | |
|--------------------------------|---|
| Cable entry/enclosure drilling | max. 6 x M25 for cable Ø 10 - 17 mm max. 6 x M32 for cable Ø 12 - 21 mm max. 6 x M20 metal thread |
| Connecting terminals | 6 x + 2 PE |
| Dimensions (L x W x H) | 117.5 x 113.5 x 73.5 mm |
| Weight | approx. 0.5 kg |

¹⁾ for cage clamp terminals

Ex-junction box



GHG 791 0101 R0001



GHG 791 0101 R0019



GHG 791 0101 R0068



GHG 791 0201 R0006

Ordering details

| Content | Cable gland | No. of terminals | Order No. |
|-------------------------------------|---|-----------------------------------|--------------------|
| GHG 791 01 up to 6 terminals | | | |
| | 2 x M25 for cable Ø 10-17 mm | 4 x Ex-e, 1 x PE | GHG 791 0101 R0001 |
| | 4 x M25 for cable Ø 10-17 mm incl. 2 x blanking plug M25 | 4 x Ex-e, 1 x PE | GHG 791 0101 R0002 |
| | 4 x M20 metal thread incl. 2 x threaded plug M20 | 4 x Ex-e, 1 x PE | GHG 791 0101 R0019 |
| | 4 x M25 for cable Ø 10-17 mm incl. 2 x blanking plug M25 | 4 x 4 Ex-e ¹⁾ , 2 x PE | GHG 791 0101 R0069 |
| | 4 x M20 metal thread incl. 2 x threaded plug M20 | 4 x 4 Ex-e ¹⁾ , 2 x PE | GHG 791 0101 R0068 |

| | | | |
|-------------------------------------|---|------------------|--------------------|
| GHG 791 02 up to 8 terminals | | | |
| | 4 x M25 for cable Ø 10-17 mm incl. 2 x blanking plug M25 | 6 x Ex-e, 2 x PE | GHG 791 0201 R0006 |
| | 4 x M32 for cable Ø 12-21 mm incl. 2 x blanking plug M32 | 6 x Ex-e, 2 x PE | GHG 791 0201 R0007 |
| | 6 x M25 for cable Ø 10-17 mm incl. 4 x blanking plug M25 | 6 x Ex-e, 2 x PE | GHG 791 0201 R0001 |
| | 6 x M32 for cable Ø 12-21 mm incl. 4 x blanking plug M32 | 6 x Ex-e, 2 x PE | GHG 791 0201 R0002 |
| | 6 x M20 metal thread incl. 4 x threaded plug M20 | 8 x Ex-e, 1 x PE | GHG 791 0201 R0003 |

Other applications available on request.

¹⁾ Cage clamp terminal

Accessories

| Mounting plate for junction box 791 01 | | | |
|--|---------------------------|---------------|--------------------|
| Type | Application | Fixing method | Order No. |
| Size 1 | Wall mounting | snap on | GHG 610 1953 R0101 |
| Size 1 | for trellis mounting | snap on | GHG 610 1953 R0103 |
| Size 1 | pipe clamp | snap on | GHG 610 1953 R0102 |
| Protective canopy size 2 | for mounting plate size 1 | | GHG 610 1955 R0101 |
| Mounting plate for junction box 791 02 | | | |
| Type | Application | Fixing method | Order No. |
| Size 2 | Wall mounting | snap on | GHG 610 1953 R0104 |
| Size 2 | for trellis mounting | snap on | GHG 610 1953 R0106 |
| Size 2 | pipe clamp | snap on | GHG 610 1953 R0105 |
| Protective canopy size 2 | for mounting plate size 2 | | GHG 610 1955 R0102 |

Details for accessories see page 2.2.80 up to 2.2.84.



GHG 791 0201 R0006



GHG 791 0101 R0068

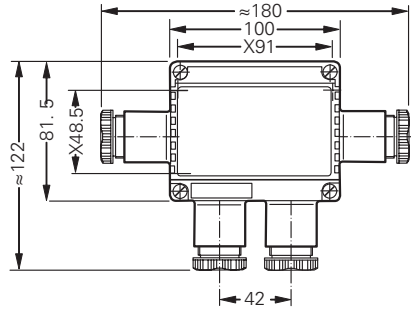


GHG 791 0101 R0019

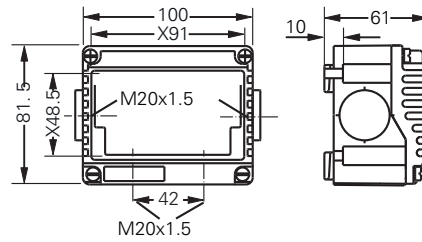
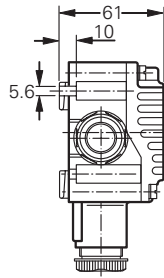


GHG 791 0101 R0001

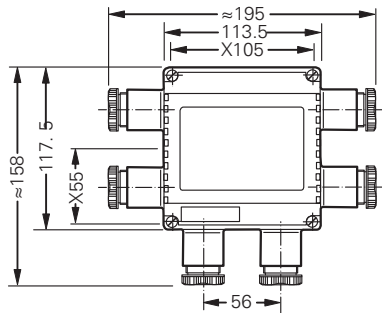
Dimension drawing



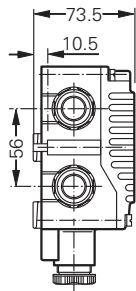
Type 791 01



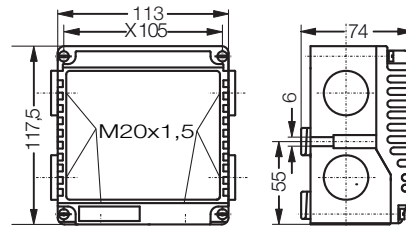
Type 791 01 for metal cable glands



Type 791 02



X = fixing dimensions



Type 791 02 for metal cable glands