BPG12 GRP Enclosure

The BPG enclosure, crafted from robust glass-reinforced polyester (GRP), is designed for durability and versatility. Built for demanding environments, the BPG enclosure offers reliable protection with its resistance to impact and extreme temperatures, along with exceptional ingress protection, making it an ideal solution for industrial applications. The range is available in various sizes to meet diverse needs.



- Fire rated to BS EN 50200
- High impact resistance
- High IP rating
- Highly resistant to hydrocarbons and other industrial compounds









Enclosure Information

| Product Reference | Width | Height | Depth | Weight |
|-------------------|-------|--------|-------|--------|
| | (mm) | (mm) | (mm) | (kg) |
| EBPG12 | 255 | 250 | 120 | 3.2 |

Standard Specifications

| Enclosure Type | Glass Reinforced Polyester (Grey - RAL7001) | | | | | | |
|---------------------|---|-------|-------|----------------------------------|--------|--------|--|
| Ingress Protection | IP66/67 to EN60529 | | | | | | |
| Impact Resistance | IK08 | | | | | | |
| Service Temperature | -65°C to +130°C | | | | | | |
| Terminal Quantity | WDU 2.5 | WDU 4 | WDU 6 | WDU 10 | WDU 16 | WDU 35 | |
| | 82 | 68 | 52 | 42 | 34 | 24 | |
| Certification | Type of Protection | | | Equipment Coding | | | |
| | Ex eb (Increased Safety) | | | Ex eb IIC T_ Gb | | | |
| | Ex ta (Dust Ignition) | | | Ex ta IIIC T_°C Da | | | |
| | Ex ia/ib (Intrinsic Safety) | | | Ex ia IIC T_ Ga, Ex ib IIC T_ Gb | | | |
| | Ex tb (Dust Protection) | | | Ex tb IIC T_°C Db | | | |
| | ATEX | | | CML 20ATEX3009X | | | |
| Certificate Numbers | IECEx | | | IECEx CML 20.0003X | | | |
| | UKEX | | | CML 21UKEX3471X | | | |
| | ECAS Ex (UAE) | | | 24-06-23146/Q24-06-049342/NB0007 | | | |
| | InMetro (Brazil) | | | NCC 24.0079 X | | | |
| | TRCU (Eurasian Customs Union) | | | RU C-GB.HA65.B.01696/23 | | | |

^{*}Terminal quantities are estimates and may vary. If an earth stud is selected, it will reduce the available space for terminals. Alternative terminal configurations are also available.

Options

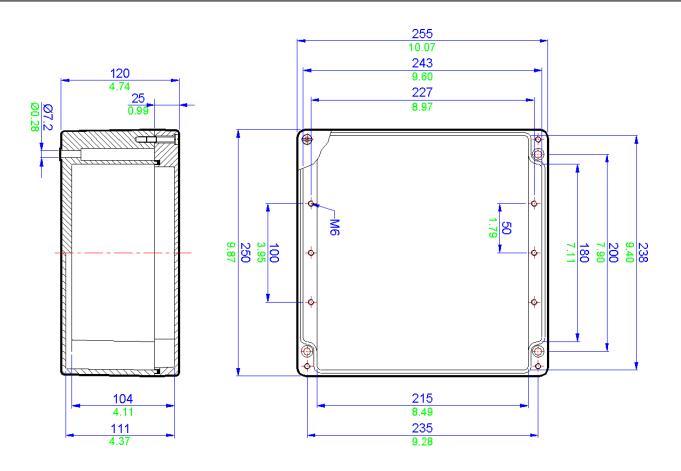
| BPGC | | | | |
|---------------------|--|---------------------------------------|--|--|
| Material | Carbon Loaded Glass Reinforced Polyester (Black - RAL9005) | • • • • • • • • • • • • • • • • • • • | | |
| Ingress Protection | IP66/67 to EN60529 | ₹ B-779-JB-952-02-E09 | | |
| Impact Resistance | IK09 | | | |
| Service Temperature | -65°C to +130°C | 5 5 V | | |

Please note the BPGC Range is not fire rated.

Accessories

| Earth Continuity Plate: Zintec, Copper, Brass | |
|---|--|
| Breather Drain | |
| Mounting Feet | |
| Component Mounting Plate: Stainless Steel, Zintec, Pertinax | |
| Internal Earthing Bar (subject to available space) | |
| External Hinges | |
| DIN Standard Mounting Rail (TS15, TS32, TS35) | |
| External Earth Stud | |

Dimensions



ABDS0013 - Rev 01 Release Date: 09/05/2025