# BPG4.5 GRP Enclosure

IP66/67

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.



- Ambient temperature range -65°C to +130°
- 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 (mm) | Height (mm) | Depth (mm) | Weight (kg) |
|---|---|---|---|---|
| EBPG45 | 190 | 75 | 75 | 0.529 |

## Standard Specifications

| | | | |
|---|---|---|---|
| Enclosure Material | Glass Reinforced Polyester (Grey - RAL7001) | | |
| Ingress Protection | IP66/67 to EN60529 | | |
| Impact Resistance | IK08 | | |
| Service Temperature | -65$^0$C to +130$^0$C | | |
| Terminal Quantity | AKZ 1.5 | AKZ 2.5 | AKZ 4 |
| | 29 | 29 | 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 | |
| Certificate Numbers | ATEX | CML 20ATEX3009X | |
| | 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.*

Product design and specifications are subject to change without notice; please check the website for latest specifications

## Options

| BPGC | | |
|---|---|---|
| Material | Carbon Loaded Glass Reinforced Polyester (Black – RAL9005) |  |
| Ingress Protection | IP66/67 to EN60529 | |
| Impact Resistance | IK09 | |
| Service Temperature | -65$^0$C to +130$^0$C | |

*Please note the BPGC Range is not fire rated.*

## Gland Entry Matrix *

| Size | Side A – C | Side B – D |
|---|---|---|
| M16 | 6 | 0 |
| M20 | 4 | 0 |
| M25 | 3 | 0 |
| M32 | 0 | 0 |
| M40 | 0 | 0 |

*Using standard gland clearances.

| Drilling Envelope Dimensions | | |
|---|---|---|
| Width (mm) | 55 | 52 |
| Height (mm) | 160 | 19 |

## Accessories

| Mounting Feet |
|---|
| Component Mounting Plate: Stainless Steel, Zintec, Pertinax |
| External Hinges |
| DIN standard mounting rail (TS15) |
| Breather Drain |

## Dimensions

