BPG05 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)
EBPG05	230	75	55	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
	36	36	31
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	0	0
M20	0	0
M25	0	0
M32	0	0
M40	0	0

*Using standard gland clearances.

Drilling Envelope Dimensions		
Width (mm)	90	23
Height (mm)	30	28

Accessories

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

Dimensions

