BPG12 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)
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^{0}C to +130^{0}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		
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	15	12
M20	10	8
M25	6	4
M32	3	2
M40	3	2

*Using standard gland clearances.

Drilling Envelope Dimensions		
Width (mm)	205	170
Height (mm)	90	85

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

