

# 3

# BPGA

Glass Reinforced Polyester Junction Boxes

SX Range

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BPG Range

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**BPGA Range**

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ZAG Range

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High Voltage

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Fire Rated

6

ZP Range

7

Others

8

Technical

9

Further details on this range of enclosures can be found at;

[www.ab-tech.co.uk/bpga.htm](http://www.ab-tech.co.uk/bpga.htm)



## Glass Reinforced Polyester Junction Boxes

The ABTECH BPGA range comprises of three types of BPG enclosure in two different sizes. These enclosures are available pre-assembled and are readily available from stock. The BPGA enclosures are ideal for a range of uses such as lighting, power and instrument junction boxes.

The enclosures come equipped with terminals as shown in the specification table for each individual box, copper earth continuity plate and are also fitted with a brass M6 internal/external earth stud.

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BPGA Range

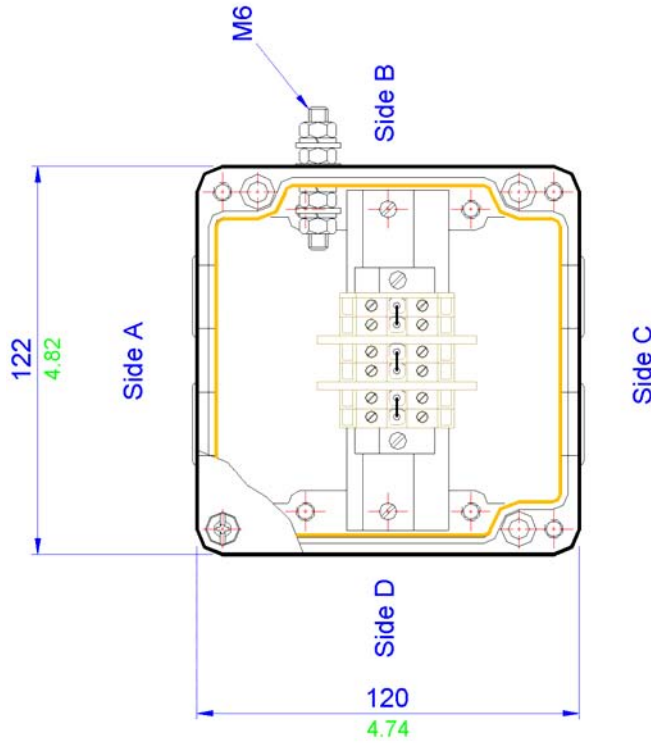


These enclosures are manufactured in impact resistant glass-reinforced polyester which has an ingress protection rating of IP66/67 and are Shell/ERA deluge tested.

Each enclosure comes pre-drilled with four M20 tapped cable entries and is supplied with EEx'e' certified blanking plugs. The BPGA range of enclosures are also ATEX certified EEx'e' and are suitable for use in Category 2/Zone 1 and Category 3/ Zone 2 areas according to EN 60079-14 with a working ambient temperature of between -20°C and +40°C (-4°F to 104°F).



BPGA 120 Specifications	
Width	122mm
Length	90mm
Height	120mm
Material	Glass Reinforced Polyester (RAL7001 grey)
Blanking Plugs	4 off (EE' e' rated)
Terminals	6 x SAK 2.5 (linked in pairs)
IP Rating	66/67
Internal/External Brass M6 Earth Stud	Yes
Earth Continuity Plate	Yes
Temperature	-20°C to +40°C (-4°F to 104°F) (standard neoprene gasket)
Deluge Tested	DTS-01
Certification	ATEX EE' e' BS EN 50019 (Zone 1 & 2)
	ATEX EE' n' A' BS EN 50021 (Zone 2)
	NEMA 4X (CSA & UL) (class 1 division 2)
Cable Entries	4 x M20 (2 x Side A, 2 x Side C)
Power Rating	9.378W

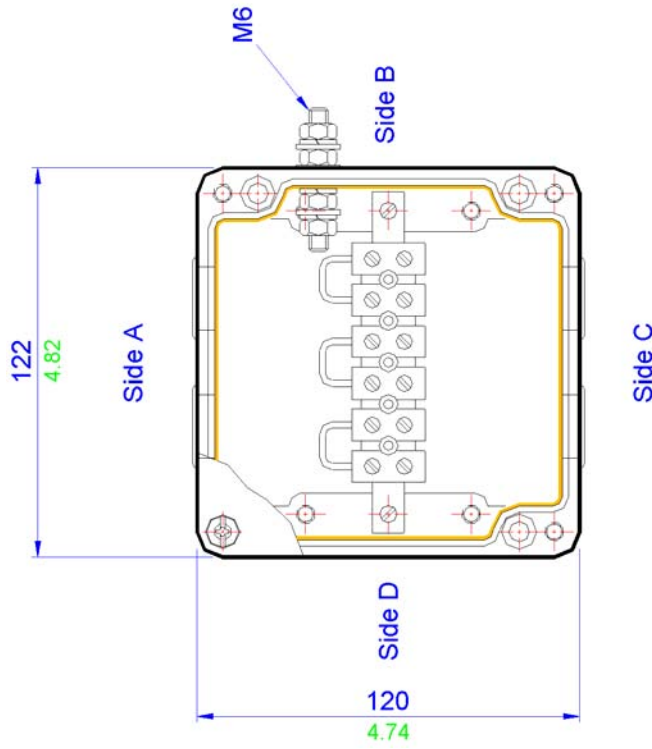


All blue dimensions in mm, all green dimensions in decimal inches (drawing not to scale)

Technical	9
Others	8
ZP Range	7
Fire Rated	6
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BPGA Range	3
BPG Range	2
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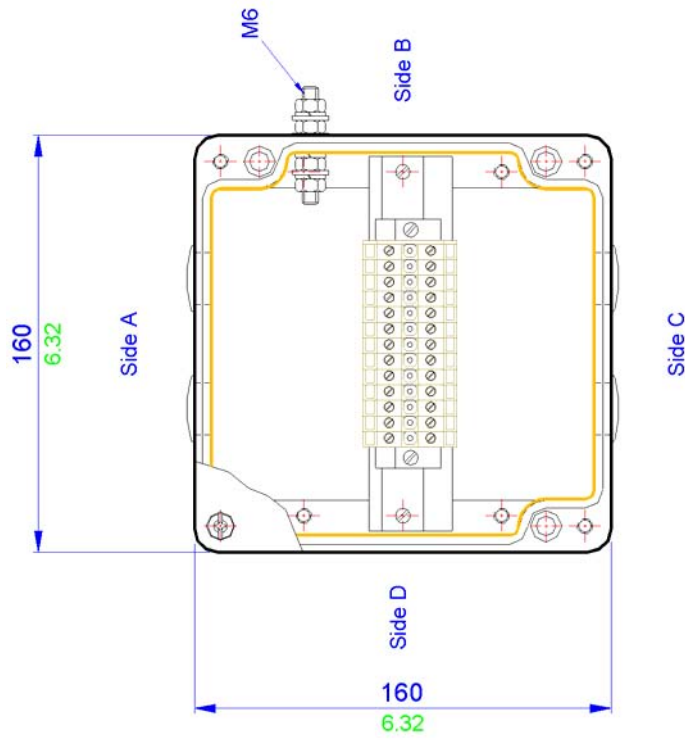


BPGA 125 Specifications	
Width	122mm
Length	90mm
Height	120mm
Material	Glass Reinforced Polyester (RAL7001 grey)
Blanking Plugs	3 off (EE'x'e' rated)
Terminals	1 x MK6 / 6 way (linked in pairs)
IP Rating	66/67
Internal/External Brass M6 Earth Stud	Yes
Earth Continuity Plate	Yes
Temperature	-20°C to +40°C (-4°F to 104°F) (standard neoprene gasket)
Deluge Tested	DTS-01
Certification	ATEX EEx'e' BS EN 50019 (Zone 1 & 2)
	ATEX EEx'n'A' BS EN 50021 (Zone 2)
Cable Entries	NEMA 4X (CSA & UL) (class 1 division 2) 4 x M20 (2 x Side A, 2 x Side C)
Power Rating	9.378W



All blue dimensions in mm, all green dimensions in decimal inches (drawing not to scale)

BPGA 160 Specifications	
Width	160mm
Length	90mm
Height	160mm
Material	Glass Reinforced Polyester (RAL7001 grey)
Blanking Plugs	4 off (EE'x'e' rated)
Terminals	13 x SAK 2.5
IP Rating	66/67
Internal/External Brass M6 Earth Stud	Yes
Earth Continuity Plate	Yes
Temperature	-20°C to +40°C (-4°F to 104°F) (standard neoprene gasket)
Deluge Tested	DTS-01
Certification	ATEX EE'x'e' BS EN 50019 (Zone 1 & 2)
	ATEX EE'x'n'A' BS EN 50021 (Zone 2)
	NEMA 4X (CSA & UL) (class 1 division 2)
Cable Entries	4 x M20 (2 x Side A, 2 x Side C)
Power Rating	10.348W



All blue dimensions in mm, all green dimensions in decimal inches (drawing not to scale)

Technical 9

Others 8

ZP Range 7

Fire Rated 6

High Voltage 5

ZAG Range 4

BPGA Range 3

BPG Range 2

SX Range 1

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