

# GRP Terminal Box

Zones 0 & 1, 2, 21 & 22



- Certified for use in Zones 0, 1, 2 & 21, 22 hazardous areas
- Designed to house terminals.
- For protection of electrical equipment in applications where flammable liquids, gases and vapours or combustible dusts are present.
- Light weight, compact and easy-to-install.
- Cable can connect to terminals from different directions.
- Max rated voltage AC690V.
- Anti-static glass fibre reinforced polyester (GRP) with stainless steel screws.

Comes standard with:

- Internal sealing silicone gasket
- Earth continuity
- Terminals



## PROTECTION RATINGS

Ex ia IIC T6/T5 Ga

Ex ib IIC T6/T5 Gb

Ex eb IIC T6/T5 Gb

Ex tb IIIC T80°C/T95°C Db

*(Refer to certificate for detailed markings)*

## CERTIFICATION

IECEX CNEX 18.0029X

## AMBIENT TEMPERATURE

-40°C up to +40°C / 55°C option



# GRP Terminal Box

Zones 0 & 1, 2, 21 & 22



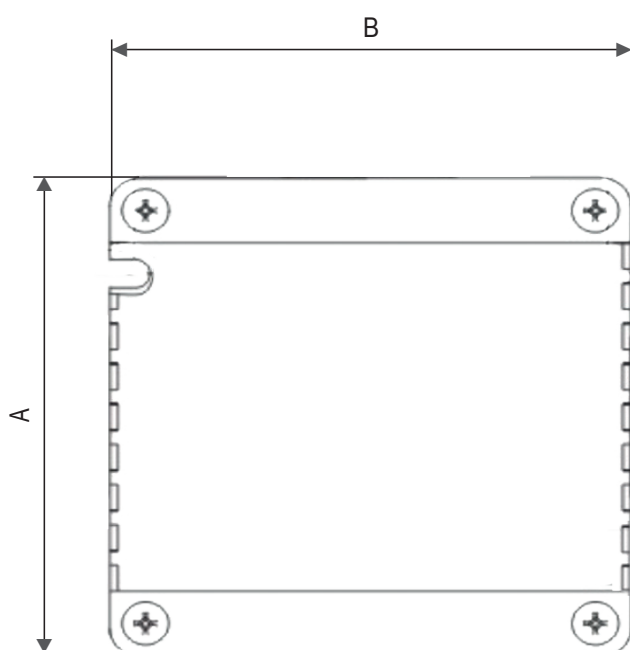
## ORDERING GUIDE

! These enclosures are only sold with terminals fitted. Empty enclosures are not available for sale. Contact your local sales engineer to discuss your specific requirements.

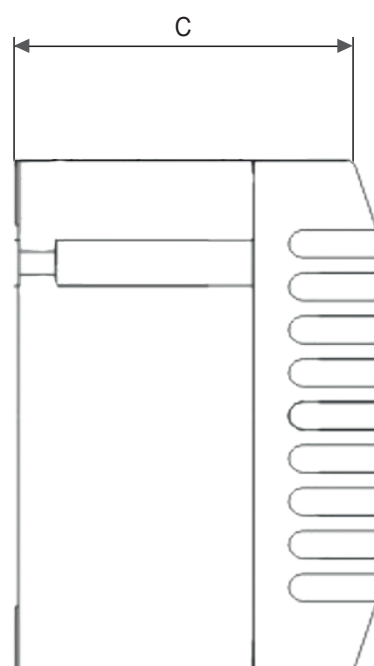
Part Number	Dimensions (mm)			Type	Terminals	Earth Terminals	Cable Entries	Plugs	Weight (kg)
	Height (A)	Width (B)	Depth (C)						
TBGS520E44320 <sup>▲</sup>	95	95	62	Ex e / Ex tb	4 x 2.5mm	2 x 2.5mm	4 x 20mm	3	0.24
TBGS520E44325 <sup>▲</sup>	95	95	62		4 x 2.5mm	2 x 2.5mm	4 x 25mm	3	0.24
TBGS520E64320 <sup>▲</sup>	95	95	62		6 x 2.5mm	2 x 2.5mm	4 x 20mm	3	0.24
TBGS520E64325 <sup>▲</sup>	95	95	62		6 x 2.5mm	2 x 2.5mm	4 x 25mm	3	0.24
TBGS520E88420 <sup>▲</sup>	125	125	69		8 x 2.5mm	4 x 2.5mm	8 x 20mm	4	0.39
TBGS520E88425 <sup>▲</sup>	125	125	69		8 x 2.5mm	4 x 2.5mm	8 x 25mm	4	0.39
TBGS520E18420 <sup>▲</sup>	125	125	69		10 x 2.5mm	4 x 2.5mm	8 x 20mm	4	0.39
TBGS520E18425 <sup>▲</sup>	125	125	69		10 x 2.5mm	4 x 2.5mm	8 x 25mm	4	0.39
TBGS520I44320 <sup>▲</sup>	95	95	62	Ex ia / Ex ib	4 x 2.5mm	2 x 2.5mm	4 x 20mm	3	0.24
TBGS520I44325 <sup>▲</sup>	95	95	62		4 x 2.5mm	2 x 2.5mm	4 x 25mm	3	0.24

<sup>▲</sup>Available on Request

## TECHNICAL DRAWINGS



Front View



Side View

## AUSTRALIA

### Sales

T: 1300 Enclosures (1300 362 567)  
E: sales@brenclosures.com.au  
brenclosures.com.au

## QUEENSLAND

Brisbane Manufacturing, Sales & Warehouse  
51 Stradbroke Street  
Heathwood QLD 4110  
(PO Box 1151)  
Browns Plains BC QLD 4118  
T: +61 7 3714 1111  
E: salesqld@brenclosures.com.au

## NORTH QUEENSLAND

Townsville Sales & Warehouse  
Unit 4/ 780 Ingham Road  
Mount Louisa, QLD 4814  
(PO Box 7615)  
Garbutt QLD 4814  
T: +61 7 4727 1900  
E: salestvl@brenclosures.com.au

## NEW SOUTH WALES

NSW & ACT Sales & Warehouse  
7 Metters Place  
Wetherill Park NSW 2164  
T: +61 2 9915 9555  
E: salesnsw@brenclosures.com.au

## NEWCASTLE Distribution

Ross Joice Agencies Pty Ltd  
109-111 Broadmeadow Road  
Broadmeadow NSW 2292  
T: +61 2 4961 4433

## VICTORIA

VIC & TAS Sales & Warehouse  
50-52 Sunmore Close  
Heatherton VIC 3202  
T: +61 3 9552 0552  
E: salesvic@brenclosures.com.au

## TASMANIA Distribution

W P Martin Pty Ltd  
85 Elizabeth Street  
Launceston TAS 7250  
T: +61 3 6331 5545

## SOUTH AUSTRALIA

SA & NT Manufacturing, Sales & Warehouse  
505 Grand Junction Road  
Wingfield SA 5013  
T: +61 8 8417 6222  
E: salessa@brenclosures.com.au

## NORTHERN TERRITORY Distribution

Jewell Distributors Pty Ltd  
Cnr Hidden Valley & Beaton Roads  
Berrimah NT 0828  
T: +61 8 8947 0870

## WESTERN AUSTRALIA

WA Sales Office & Warehouse  
6 Montgomery Way  
Malaga WA 6090  
T: +61 8 6310 4777  
E: saleswa@brenclosures.com.au

## NEW ZEALAND

### Sales

B&R Enclosures Limited  
T: 0800 Enclosures (0800 362 567)  
E: sales@brenclosures.co.nz  
brenclosures.co.nz

## AUCKLAND Distribution

Matchmaster  
Unit 6103 Cryers Road  
East Tamaki Auckland NZ 2013  
T: +64 9 265 2097  
E: sales@brenclosures.co.nz

## CHRISTCHURCH Distribution

Matchmaster  
17 Washbournes Road  
Wigram Christchurch NZ 8042  
T: +64 3 348 0659  
E: sales@brenclosures.co.nz

## CHINA

B&R Enclosures (Suzhou) Co. Ltd  
E: sales@brenclosures.com.cn  
brenclosures.cn

## SUZHOU

Manufacturing, Sales & Warehouse  
South Block, Building 23 Chuangtou  
Industrial Zone Heshun Road, SIP,  
Suzhou 215122

## PEOPLE'S REPUBLIC OF CHINA

T: +86 512 8718 2139  
E: sales@brenclosures.com.cn

## MIDDLE EAST

### Sales

B&R Gulf  
M: +966 503 496 592  
T: +966 381 2869 1 or +966 5034 9659 2  
E: sales@brgulf.com.sa  
brgulf.com

## DAMMAM Manufacturing, Sales & Warehouse

B&R Gulf  
Factory No. 12, Modon Buildings,  
King Salman Road, Industrial Area 3,  
Dammam, Saudi Arabia  
M: +966 503 496 592  
T: +966 381 2869 1 or +966 5034 9659 2  
E: sales@brgulf.com.sa  
brgulf.com

