





## The British Electrical & Manufacturing Company Ltd.






Works Division, 262 Glasgow Road, Rutherglen, Glasgow G73 1SR  
Tel: 0141 647 9276 [E-mail: works@bemco.co.uk](mailto:works@bemco.co.uk)








### DB Range of Distribution Boards

-  Enclosures are manufactured from mild steel sheet and finished with BS 381C No 632 (Dark Admiralty Grey) powder paint in hammer finish.
-  M6 raised holes for mounting on uneven walls.
-  Covers are hinged on the left-hand side and removable as standard and have a padlocking facility suitable for a 9.5mm maximum diameter hasp.
-  Protected to BSEN 60529, IP3X with the doors closed.

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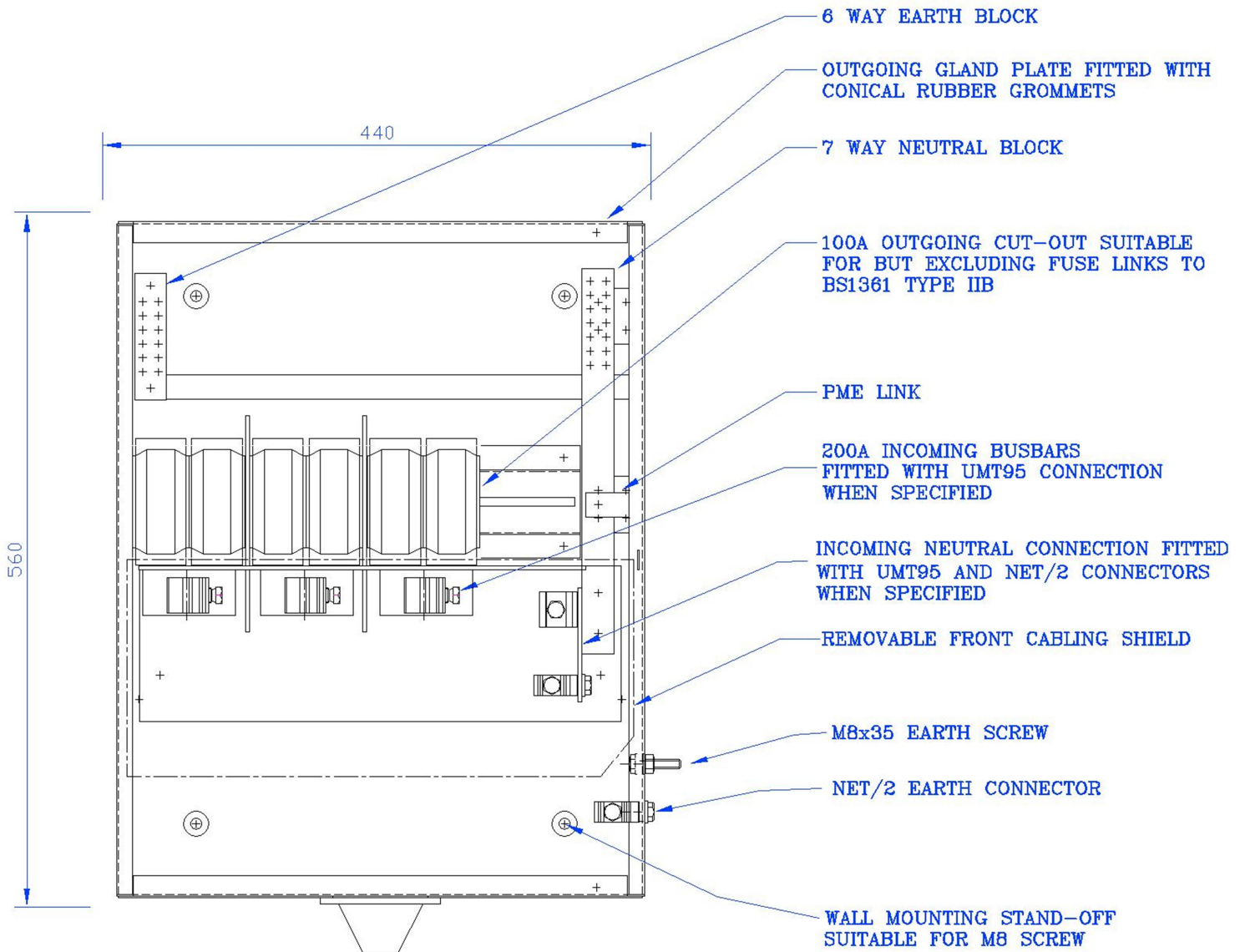
-  Maximum recommended incoming cable is 95mm<sup>2</sup>.
-  Make off from the gland plate to the M10 busbar studs is 235mm.
-  Busbars are rated at 200A.
-  An internal busbar arrangement is available for the 2-Way T.P. & N. distribution board where the incoming cable is 35mm<sup>2</sup> maximum and the load per phase is 130 amps maximum. The termination in this arrangement is directly into one of the cutouts.
-  An incoming cable grommet is provided at the centre of the bottom gland plate, arranged to allow "laying in" of the main cable by the joiner.

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-  Outgoing cutouts are 100A complying with BS5657:2010.
-  All live parts fully shrouded to BSEN 60529, IP2X.
-  Distribution Boards are suitable for both PME and non-PME systems by the use of a removable solid copper link.
-  25mm grommets, per cutout, for the outgoing cables are fitted as standard. Glands available upon request.
-  All outgoing cutouts, neutral and earth ways are suitable for 35mm<sup>2</sup> maximum cable.

Dimensions shown overleaf

## DB RANGE OF DISTRIBUTION BOARDS

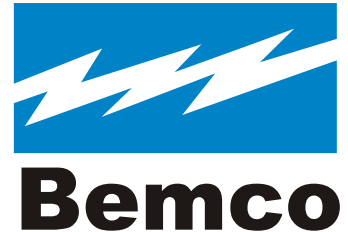


Type	No. of Ways	Height	Width	Depth
DB6 / +LL	2-Way T.P. & N	560mm	440mm	130mm
DB9 / +LL	3-Way T.P. & N	560mm	580mm	130mm
DB12 / +LL	4-Way T.P. & N	560mm	720mm	130mm

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### SDB Range of Distribution Boards with 300A or 500A Incoming Isolation Cutouts

- /// Enclosures are manufactured from mild steel sheet and finished with RAL 7032 (Pebble Grey) powder paint in leatherette finish.
- /// M8 raised holes for mounting on uneven walls. Top mountings are keyhole design.
- /// Incoming and outgoing compartments have individual doors for increased safety and security.
- /// Doors are hinged and removable as standard and have a padlocking facility suitable for a 9.5mm maximum diameter hasp.
- /// Protected to BSEN 60529, IP3X with the doors closed.
- /// Shallow design for use in limited access spaces.

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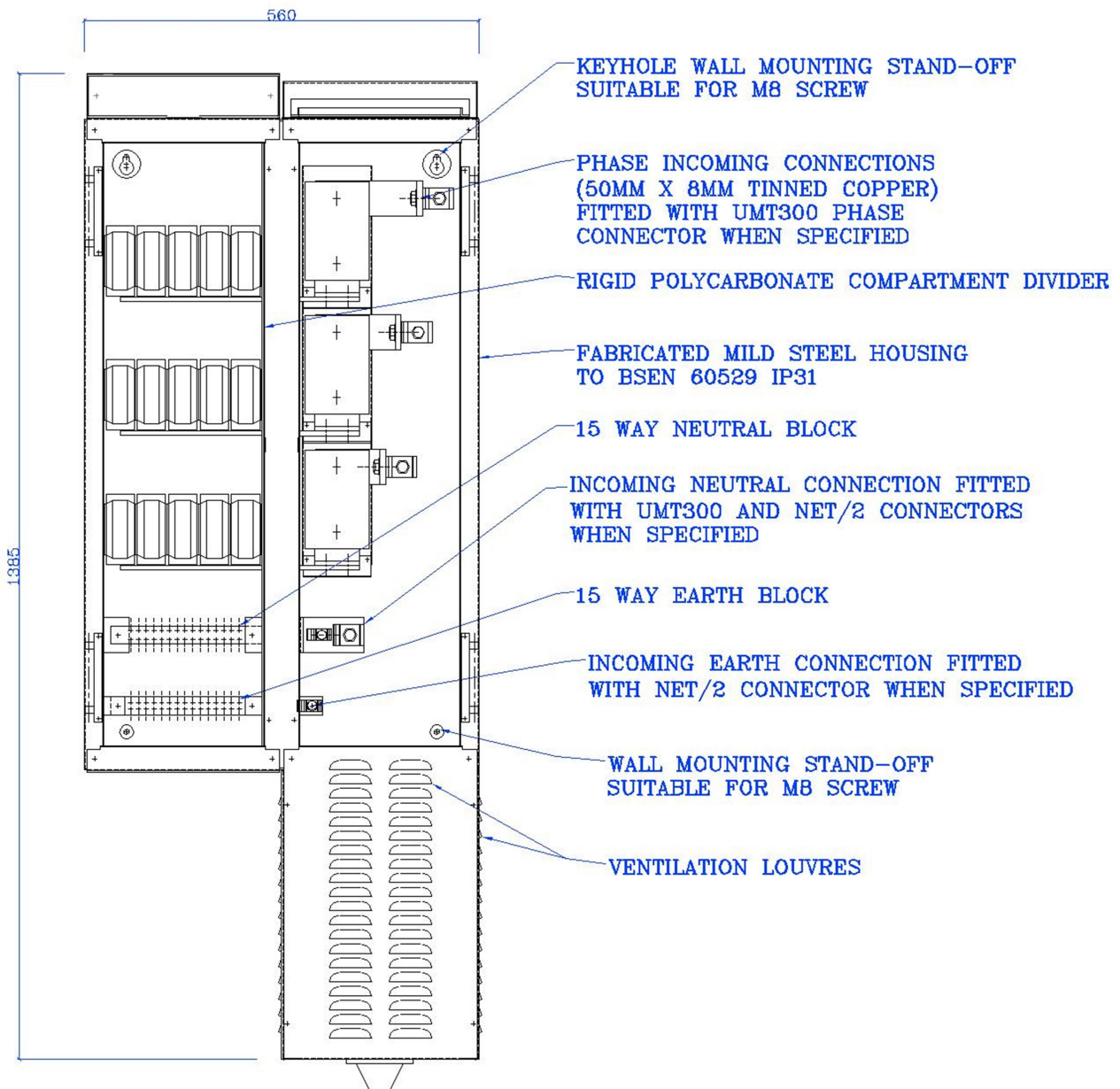
- /// Maximum recommended incoming cable is 300mm<sup>2</sup>.
- /// Make off from the gland plate to the neutral cable connection point is 600mm, 500mm to the earth stud.
- /// Busbars are rated at 500A.
- /// An incoming cable grommet is provided at the centre of the bottom gland plate, arranged to allow "laying in" of the main cable by the joiner.
- /// The standard position for the main cable entry is bottom right. Bottom left, top right or top left can be supplied at no extra cost.

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- /// Outgoing cutouts are 100A complying with BS5657:2010.
- /// 300A and 500A outgoing ways available.
- /// All live parts fully shrouded to BSEN 60529, IP2X with the incoming fuse handles in place.
- /// Distribution Boards are suitable for both PME and non-PME systems by the use of a removable solid copper link.
- /// Blank or punched gland plates fitted top and bottom.
- /// 25mm grommets, per cutout, for the outgoing cables are fitted as standard. Glands available upon request.
- /// Gland plates and front angles are removable to allow "laying in" of the cable by the joiner.
- /// All outgoing cutouts, neutral and earth ways are suitable for 35mm<sup>2</sup> maximum cable.

Dimensions shown overleaf

## SDB RANGE OF DISTRIBUTION BOARDS WITH 300 AMP OR 500 AMP INCOMING ISOLATION CUTOUTS



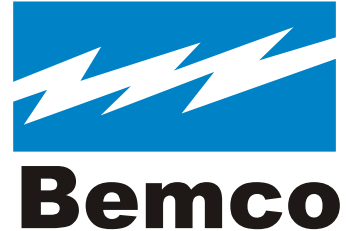
Type	No. of Ways	Height	Width	Depth
SDB15	Up to 5-Way T.P. & N.	1385mm	560mm	200mm
SDB30	Up to 10-Way T.P. & N.	1385mm	800mm	200mm
SDB60	Up to 20-Way T.P. & N.	1690mm	800mm	200mm

Height dimension includes for cable entry box

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**SDB Range of Distribution Boards  
For Mains Cable Termination Direct to Busbars**

- //// Enclosures are manufactured from mild steel sheet and finished with RAL 7032 (Pebble Grey) powder paint in leatherette finish.**
- //// M8 raised holes for mounting on uneven walls. Top mountings are keyhole design.**
- //// Incoming and outgoing compartments have individual doors for increased safety and security.**
- //// Doors are hinged and removable as standard and have a padlocking facility suitable for a 9.5mm maximum diameter hasp.**
- //// Protected to BSEN 60529, IP3X with the doors closed.**
- //// Shallow design for use in limited access spaces.**

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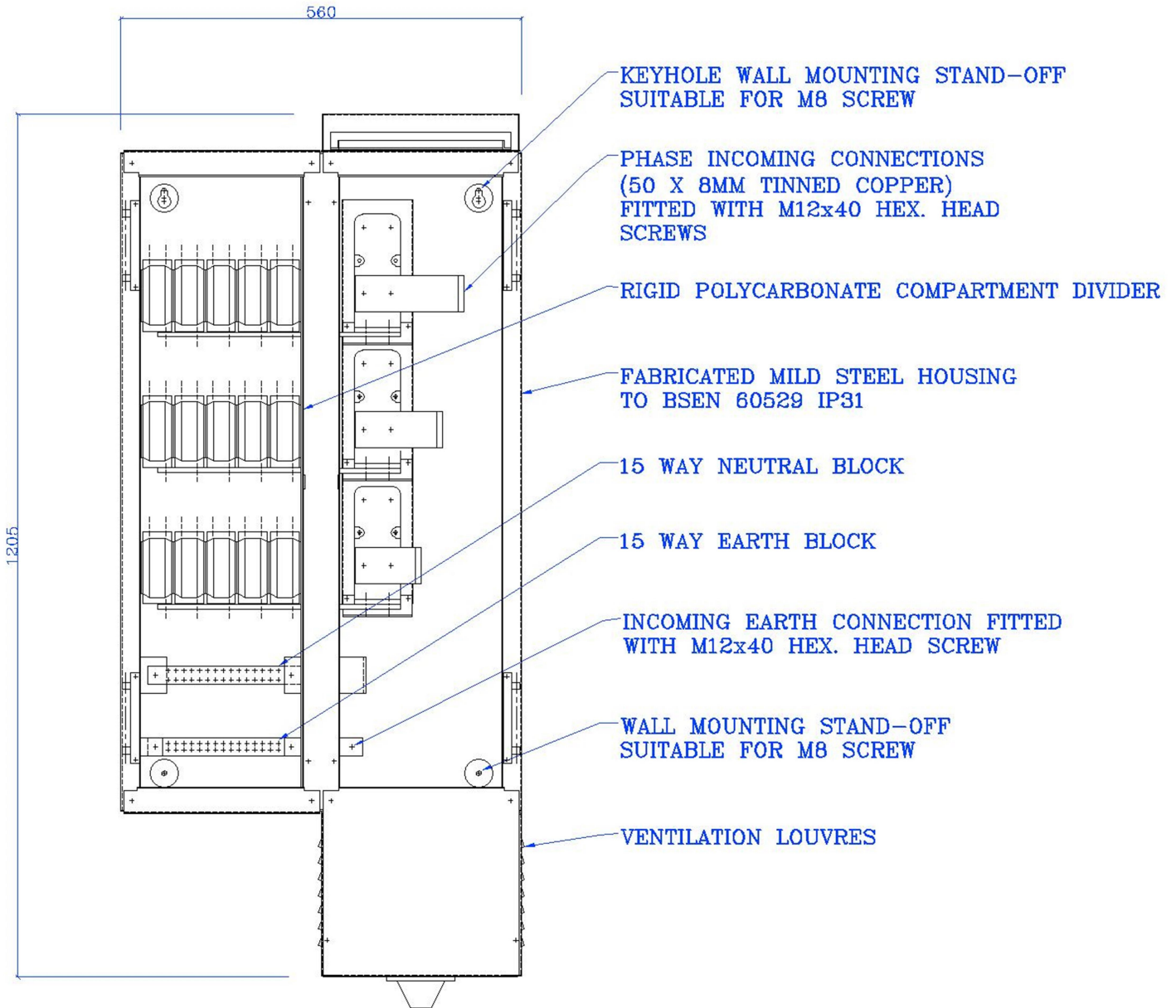
- //// Maximum recommended incoming cable is 300mm<sup>2</sup>.**
- //// Make off from the gland plate to the neutral cable connection point is 420mm and 320mm to the earth stud.**
- //// Busbars are rated at 500A.**
- //// An incoming cable grommet is provided at the centre of the bottom gland plate, arranged to allow “laying in” of the main cable by the jointer.**
- //// The standard position for the main cable entry is bottom right. Bottom left, top right or left can be supplied at no extra cost.**

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- //// Outgoing cutouts are 100A complying with BS5657:2010.**
- //// 300A and 500A outgoing ways available.**
- //// All live parts fully shrouded to BSEN 60529, IP2X.**
- //// Distribution Boards are suitable for PME and non-PME systems by the use of a removable solid copper link.**
- //// Blank or punched gland plates fitted top and bottom.**
- //// 25mm grommets, per cutout, for the outgoing cables are fitted as standard. Glands available upon request.**
- //// Gland plates and front angles are removable to allow “laying in” of the cable by the jointer.**
- //// All outgoing cutouts, neutral and earth ways are suitable for 35mm<sup>2</sup> maximum cable.**

Dimensions shown overleaf

## SDB RANGE OF DISTRIBUTION BOARDS FOR MAINS CABLE DIRECT TO BUSBARS



Type	No. of Ways	Height	Width	Depth
SDB15	5-Way T.P. & N.	1205mm	560mm	200mm
SDB30	10-Way T.P. & N.	1205mm	800mm	200mm
SDB60	20-Way T.P. & N.	1510mm	800mm	200mm

Height dimension includes for cable entry box