

## Bus-Bar Range

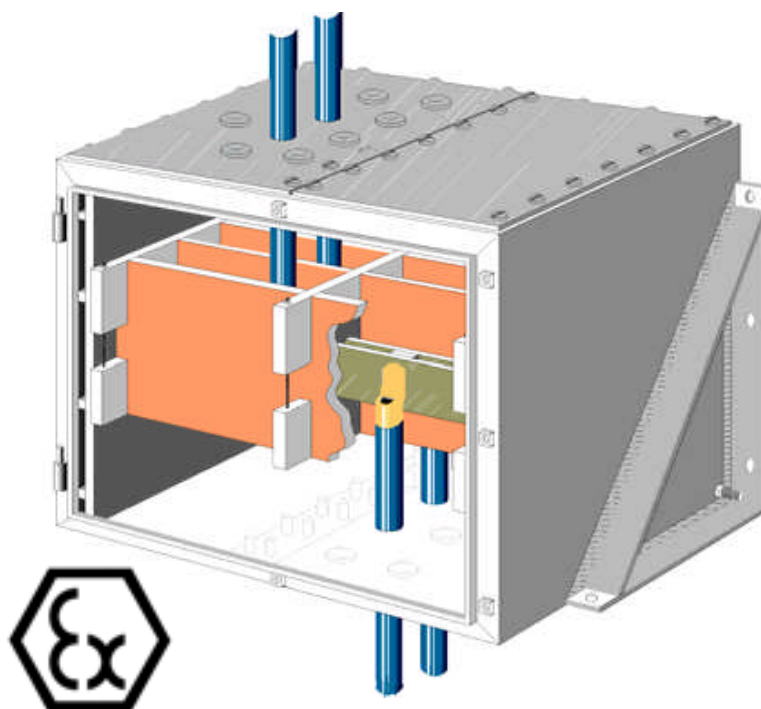
The ABTECH Bus-Bar box is used for the connection of cables or equipment where the conductor size and number of cables being connected would make it very difficult in any other ABTECH High Voltage range.

The Bus-Bar box is ideally suited for conductor sizes over 400mm<sup>2</sup>, as the design allows cables to enter the enclosure and be terminated onto the busbar without having to be bent. This makes for quick and easy installation in applications which have normally been considered difficult to accomplish.

Although not based on a particular size of standard enclosure, the Bus-Bar box utilises the SX range features and is consequently afforded the same benefits from the use of these. These benefits include: ingress protection to IP66 as standard with IP67 available as an option, heavy duty construction, padlock facility and an internal/external earth stud fitted as standard. Additionally, the Bus-Bar box incorporates heavy duty mounting facilities which can be adapted to suit the customer's requirements.

The Bus-Bar box is ATEX certified using the latest standards and is suitable for operation in a Category 2/Zone 1 area and a Category 3/Zone 2 area.

Standard operating ambient temperature is in the range - 20°C to + 40°C. Versions are available which can accommodate an ambient temperature range of - 50°C to + 65°C.



Part Number	Maximum Width (mm)	Maximum Height (mm)	Maximum Depth (mm)	Maximum Current (A)	Maximum Voltage (kV)	Maximum Ways	Maximum Conductors per Way	Maximum Ways	Max. Conductor Size (mm <sup>2</sup> )
Bus-Bar Box	770	770	1250	3000	11	4	6	4	1000

The sizes stated above are the maximum sizes allowable. Smaller sizes are available to accommodate customer's requirements.

SX Range

1

BPG Range

2

BPGA Range

3

ZAG Range

4

High Voltage

5

Fire Rated

6

ZP Range

7

Specials

8

Technical

9