

HVJB Range

The ABTECH HVJB range is the latest range in the High Voltage series and offers improved flexibility over the DPJB range in many situations and is suitable for operating voltages of up to 11 kV maximum.

In conjunction with most of the High Voltage series it is manufactured in either mild steel or stainless steel and utilises the SX7 and SX8 range of enclosure. This is the standard sizes although custom sizes are available to special order. The HVJB range can accommodate conductors up to 630mm² and can be split in to 4 phases, 3 ways in each direction. Incoming and outgoing cables can enter from the same end of the enclosure or from different ends.

All hazardous area versions are ATEX certified to the latest standards and are suitable for operation in a Category 2/Zone 1 area and Category 3/Zone 2 area.

Standard operating ambient temperature is in the range - 20°C to + 40°C. Extended temperature ranges are available by special order.



- 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

Part Number	Maximum Current (A)	Maximum Voltage (kV)	Maximum Ways	Top Cables	Bottom Cables	Max. Conductor Size (mm ²)
HVJB x3 (0-2)	980	11	3	0	2	630
HVJB x3 (0-3)	980	11	3	0	3	630
HVJB x3 (2-0)	980	11	3	2	0	630
HVJB x3 (3-0)	980	11	3	3	0	630
HVJB x3 (1-1)	980	11	3	1	1	630
HVJB x3 (1-2)	980	11	3	1	2	630
HVJB x3 (2-1)	980	11	3	2	1	630
HVJB x3 (2-2)	980	11	3	2	2	630
HVJB x3 (1-3)	980	11	3	1	3	630
HVJB x3 (3-1)	980	11	3	3	1	630
HVJB x3 (2-3)	980	11	3	2	3	630
HVJB x3 (3-2)	980	11	3	3	2	630
HVJB x3 (3-3)	980	11	3	3	3	630
HVJB x4 (0-2)	980	11	4	0	2	630
HVJB x4 (0-3)	980	11	4	0	3	630
HVJB x4 (2-0)	980	11	4	2	0	630
HVJB x4 (3-0)	980	11	4	3	0	630
HVJB x4 (1-1)	980	11	4	1	1	630
HVJB x4 (1-2)	980	11	4	1	2	630
HVJB x4 (2-1)	980	11	4	2	1	630
HVJB x4 (2-2)	980	11	4	2	2	630
HVJB x4 (1-3)	980	11	4	1	3	630
HVJB x4 (3-1)	980	11	4	3	1	630
HVJB x4 (2-3)	980	11	4	2	3	630
HVJB x4 (3-2)	980	11	4	3	2	630
HVJB x4 (3-3)	980	11	4	3	3	630

The letter 'x' in the Part Number above should be replaced with the number 7 or 8 depending on the size of enclosure required. 7 refers to an SX7 size enclosure measuring 650 x 950 x 300mm. 8 refers to an SX8 enclosure measuring 800 x 1250 x 300mm. If cables greater than 300mm² are used it is advisable to use the SX8 size enclosure.