

LR Range

The ABTECH LR range was initially designed as a special for a particular application but has seen increasing use by clients due to the unique flexibility afforded by the design.

The LR range is manufactured in either mild steel or stainless steel and utilises the SX range of enclosures from SX5 through to SX8 all available in either 200 or 300mm depths. These are the standard sizes depending on maximum operating voltage and conductor sizes, although custom sizes can be manufactured to special order.

By using the SX design the same benefits are afforded to the LR range. These benefits include: ingress protection to IP 66 as standard with IP 67 available as an option, enclosure tested to the Shell/ERA deluge specification, heavy duty construction, padlock facility and an internal/external earth stud fitted as standard.

All hazardous area versions are ATEX certified using the latest standards and are 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.



SX Range

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BPG Range

2

BPGA Range

3

ZAG Range

4

High Voltage

5

Fire Rated

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ZP Range

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Specials

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Technical

9

Part Number	Width (mm)	Height (mm)	Depth (mm)	Maximum Current (A)	Maximum Voltage (kV)	Maximum Ways	Max. Conductor Size (mm ²)
LR52(200)	510	510	200	1250	3.3	2	630
LR52(300)	510	510	300	1250	3.3	2	630
LR73(200)	650	950	200	1250	3.3	3	630
LR73(300)	650	950	300	1250	3.3	3	630

The LR52 version ATEX certification is based on the SX5-3GP-200 (3 gland plates, 200mm deep) and SX5-3GP-300 (3 gland plates, 300mm deep).

The LR73 version ATEX certification is based on the SX7-3GP-200 (3 gland plates, 200mm deep) and SX7-3GP-300 (3 gland plates, 300mm deep).

Other sizes are available on request.