

This document must be retained for future reference.

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to.

All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation.
All connections should also be inspected periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS



LB315-5003PNLSS/PSNSS

AC-23@400V(415V)

Enclosed Door Interlocked Load Break Switches

- Bureau Veritas
- EN 60947- 1 & 3 Compliant
- IP65



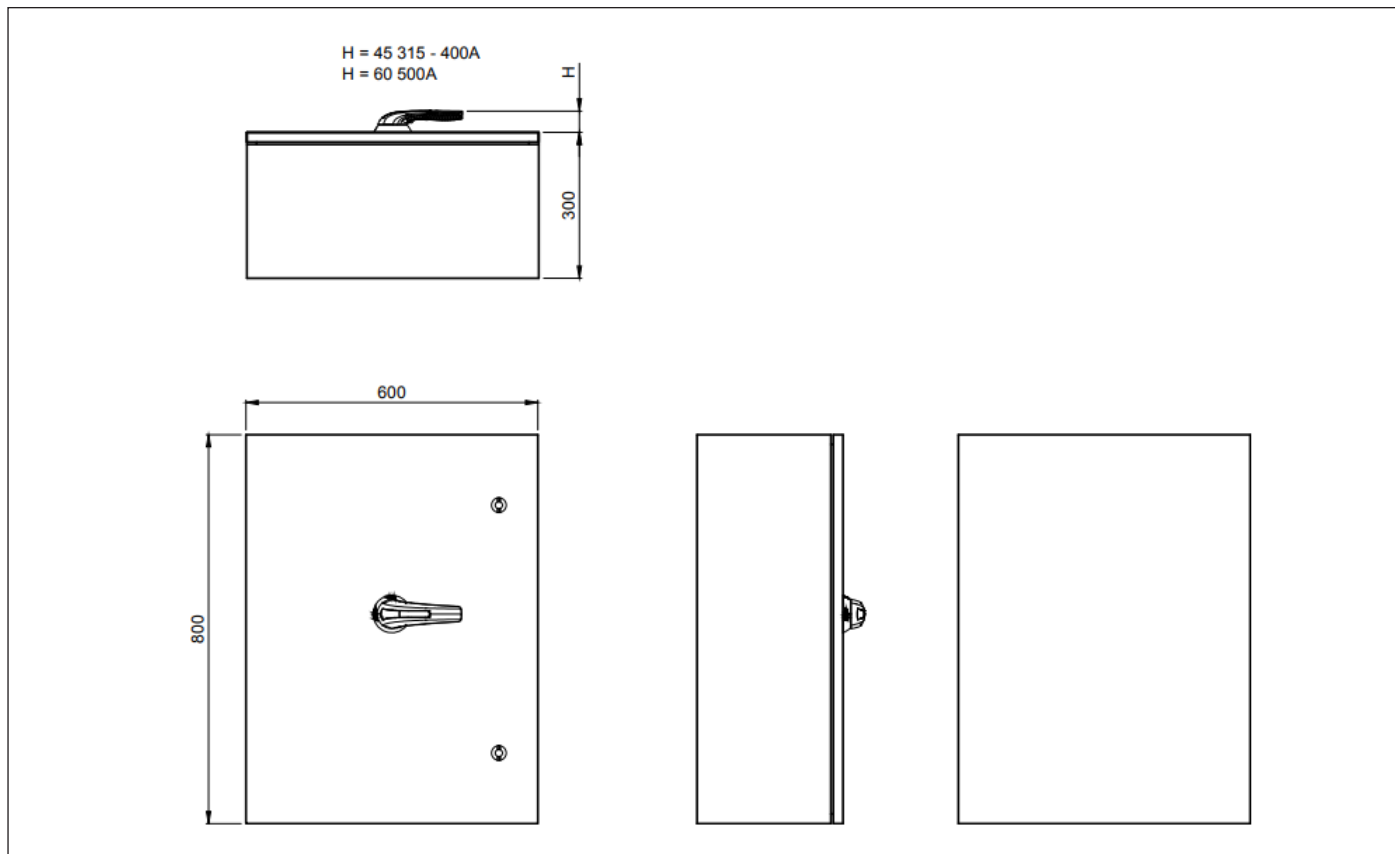
Data	Units	Range	LB3153PNLSS LB3153PSNSS	LB4003PNLSS LB4003PSNSS	LB5003PNLSS LB5003PSNSS
Rated thermal current Ith at 50°C	Amps	A	315	400	500
Rated insulation voltage Ui	Volts	V	1000	1000	1000
Rated dielectric strength	Volts	kV	5	5	8
Rated impulse voltage Uimp	Volts	kV	8	8	12
Rated operational current Ie at 400V AC-22	Amps	A	315	400	500
Rated operational current Ie at 400V AC-23	Amps	A	315	400	500
Rated operational power Pe at 400V AC-23	Watts	kW	175	222	277
Rated breaking capacity	Amps	A	2520	3200	4000
Rated making capacity	Amps	A	3150	4000	5000
Rated short circuit making capacity (peak value) Icm	Amps	kA	20	20	26
Rated short-time withstand current (1 sec) rms Icw	Amps	kA	12	12	16
Minimum number of mechanical operations	-	Cycles	20.000	20.000	10,000
Minimum number of electrical operations @ 400V AC-23	-	Cycles	1.000	1.000	1,000
Terminal Capacity (rigid copper cable)	-	mm ²	185	240	2x185
Lug bolt size	-	-	M10	M10	M10
Maximum size of busbar connection	-	mm	7x25	7x40	6x40
Tightening torque	-	Nm	18	24	24

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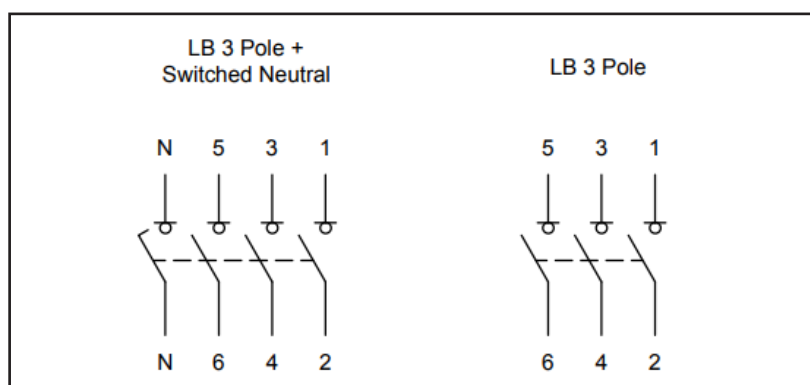
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Enclosed Door Interlocked Load Break Switches

Enclosure Dimensions



Terminal Configuration



Note: Neutral contact is
Early Make/ Late break