

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



LBF250-4003PSNME/PNLME

AC-23@400V(415V)

Enclosed Door Interlocked BS88 Switch Fuse



- EN 60947-1 & 3 Compliant
- IP65 6
- NOT SUITABLE FOR EXTERNAL APPLICATIONS**

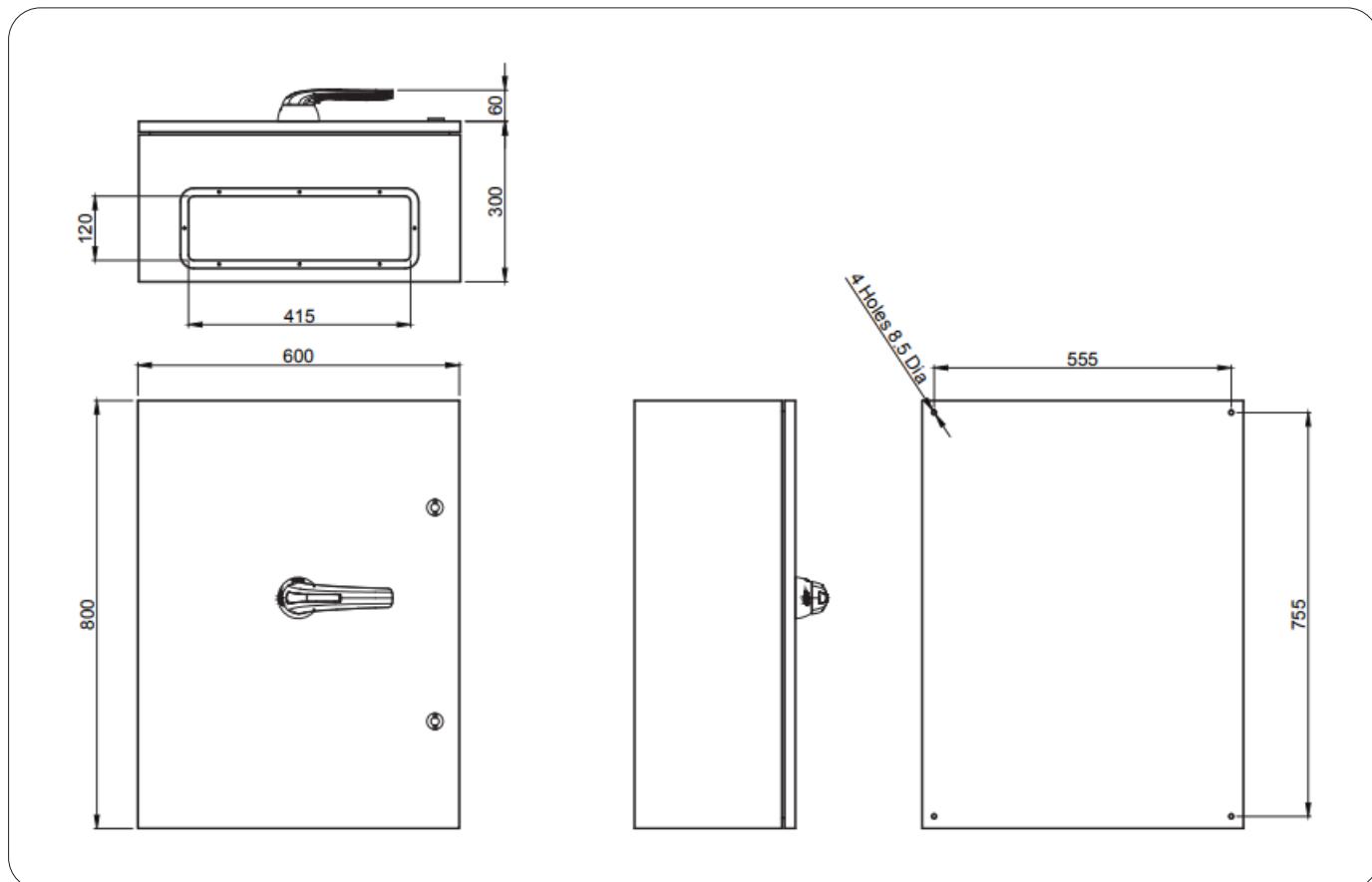
Data	Range	Units	LBF2503PSNME / -NF LBF2503PNLME / -NF	LBF3153PSNME / -NF LBF3153PNLME / -NF	LBF4003PSNME / -NF LBF4003PNLME / -NF
BS88 Fuse size	-	-	B1-B3	B1-B3	B1-B4
Rated thermal current Ith at 40°C	Amps	A	250	315	400
Rated insulation voltage Ui	Volts	V		1000	
Rated dielectric strength	Volts	kV		8	
Rated impulse voltage Uimp	Volts	kV		12	
Rated operational current Ie at 400V AC-22	Amps	A	250	315	400
Rated operational current Ie at 400V AC-23	Amps	A	250	315	400
Rated operational power Pe at 400V AC-23	Watts	kW	132	160	220
Rated breaking capacity	Amps	A	2000	2600	3200
Rated making capacity	Amps	A	2500	3150	4000
Rated short circuit making current (rms) with fuses fitted	Amps	kA		80	
Rated short-time withstand current (rms) with fuses fitted	Amps	kA		80	
Minimum number of mechanical operations	-	Cycles		10,000	
Minimum number of electrical operations @ 400V AC-23	-	Cycles		1,000	
Terminal Capacity (rigid copper cable)		mm ²		240	
Lug Bolt Size	-	-		M10	
Maximum size of busbar connection	-	mm		6x40	
Tightening Torque	-	Nm		24	

LBF250-4003PSNME/PNLME

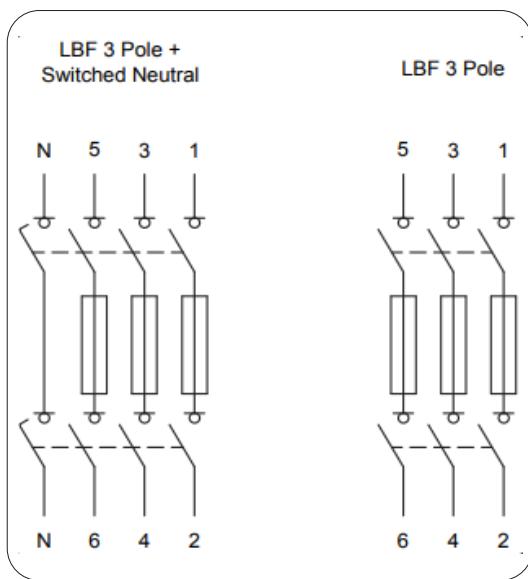
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Enclosure Dimensions

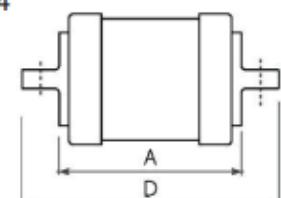
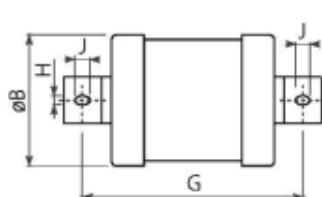


Terminal Configuration



Maximum BS88 Fuse Size

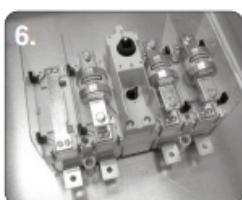
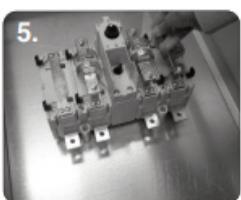
Fuses	A Max	B Ø Max	D Max	G Nom	H Nom	J Min
B1	70	37				
B2	77	42				
B3			138	111	8,7	
B4	83	66				11



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Handle Assembly:

1. Ensure that the handle is in the off position and locate the handle on to the door with the handle showing the off position at 9 o' clock
2. Tighten the four M5, flange nuts to 1.5Nm

Shaft Assembly:

3. Ensure that the switch is in the off position and fully insert the shaft into the switch with the cross pin in a horizontal position
4. Tighten the M5 shaft grub screw to 1.2Nm using a 2.5mm A/F allen key

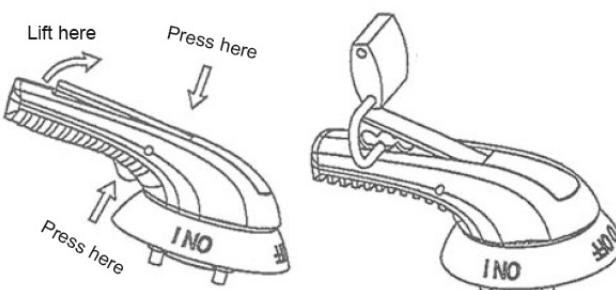
Fuse Shroud Assembly:

(160-800A SWITCH FUSE ONLY)

- 5/6. Install the four upright shrouds into the corresponding clips

7. Install fuse shroud into the corresponding clips

Padlock Operation



Door Interlock Defeat

Mechanism (For Authorised Personnel Only);

WARNING! ACCESS TO LIVE PARTS

- Ensure that the door is closed and the handle is in the on position
- Locate the hole on the right side of the handle, then push and hold a small pin into the hole to activate the defeat mechanism
- The door can now be opened in the on position. Remove pin and close the door to reset the mechanism

