



Important Safety Notice

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 be checked periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS



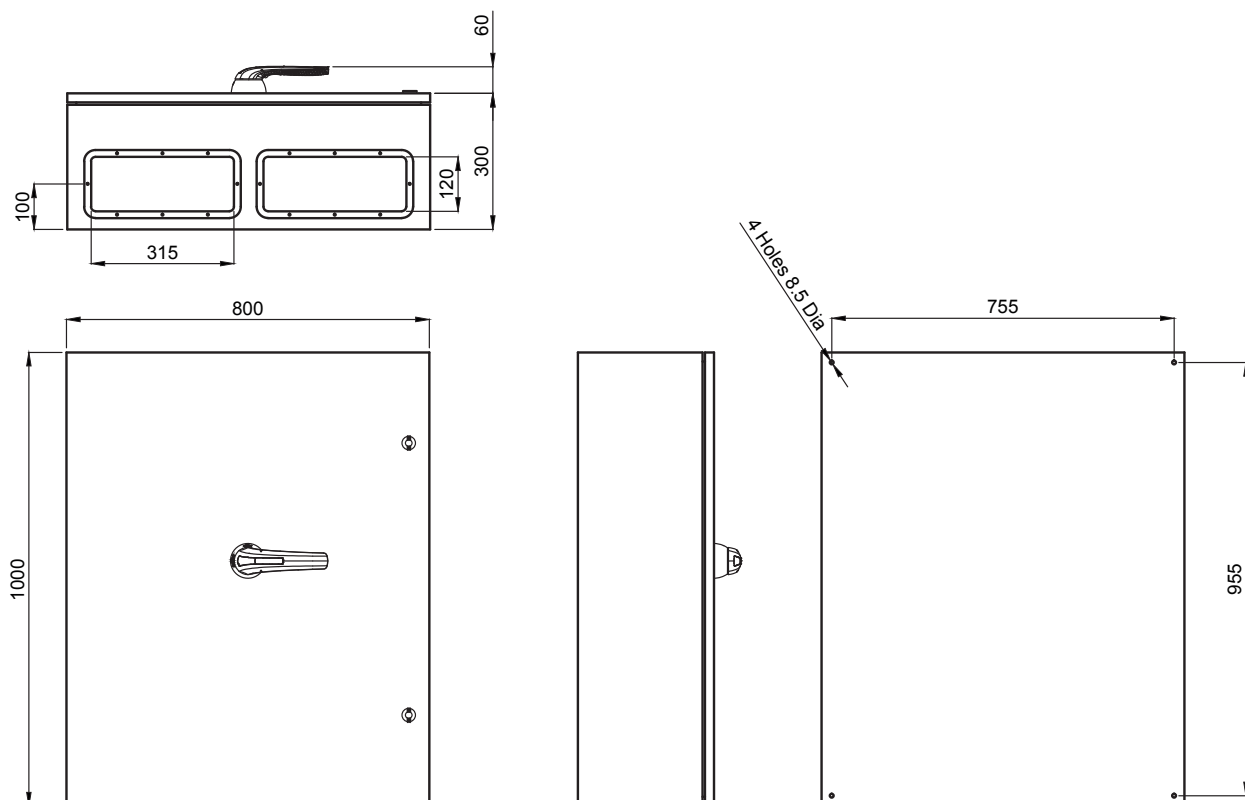
☒ KEMA Certified ☒ EN 60947-1 & 3 Compliant ☒ IP65



Data	Range	Units	LBF6303PNLME / -NF LBF6303PSNME / -NF	LBF8003PNLME LBF8003PSNME
BS88 Fuse size	-	-	C1-C2	C1-C3
Rated thermal current I_{th} at 40°C	Amps	A	630	800
Rated insulation voltage U_i	Volts	V	1000	1000
Rated dielectric strength	Volts	kV	8	8
Rated impulse voltage U_{imp}	Volts	kV	12	12
Rated operational current I_e at 400V AC-22	Amps	A	630	800
Rated operational current I_e at 400V AC-23	Amps	A	630	630
Rated operational power P_e at 400V AC-23	Watts	kW	355	355
Rated breaking capacity	Amps	A	5100	5100
Rated making capacity	Amps	A	6300	6300
Rated short circuit making current (rms) with fuses fitted	Amps	kA	80	80
Rated short circuit withstand current (rms) with fuses fitted	Amps	kA	80	80
Minimum number of mechanical operations	-	Cycles	5,000	5,000
Minimum number of electrical operations @ 400V AC-23	-	Cycles	1,000	500
Terminal Capacity (rigid copper cable)	-	mm ²	2x185	2x240
Lug bolt size	-	-	M12	4xM8
Maximum size of busbar connection	-	mm	2x7x50	2x7x50
Tightening torque	-	Nm	45	13

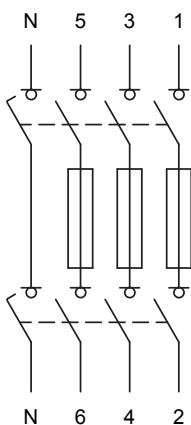
Note: -NF suffix = fuses not supplied

Enclosure Dimensions

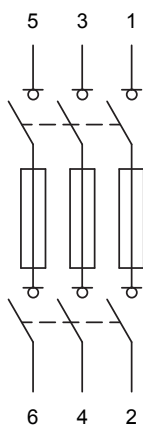


Terminal Configuration

LBF 3 Pole +
Switched Neutral



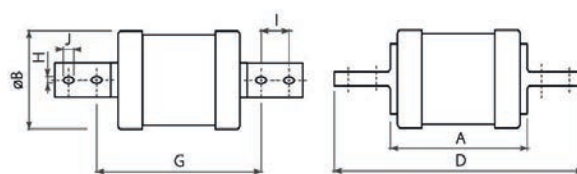
LBF 3 Pole



Maximum BS88 Fuse Size

	A	ØB	D	G	H	J	L
Fuse	Max	Max	Max	Nom	Nom	Min	Min
C1	83	66	212	133	10,3	11	25,4
C2	85	77					
C3	89	84				12,5	

C1-C3





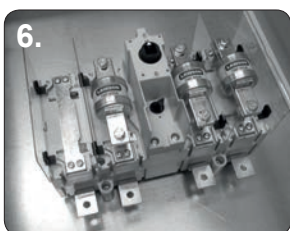
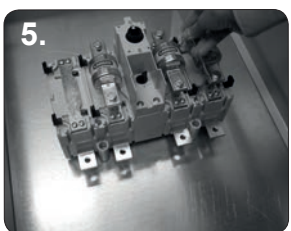
Handle Assembly:

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

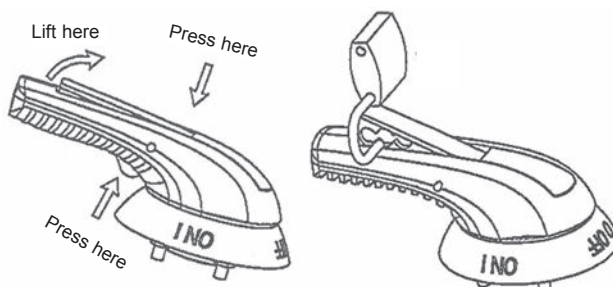


Fuse Shroud Assembly: (160-800A SWITCH FUSE ONLY)

- 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

