

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



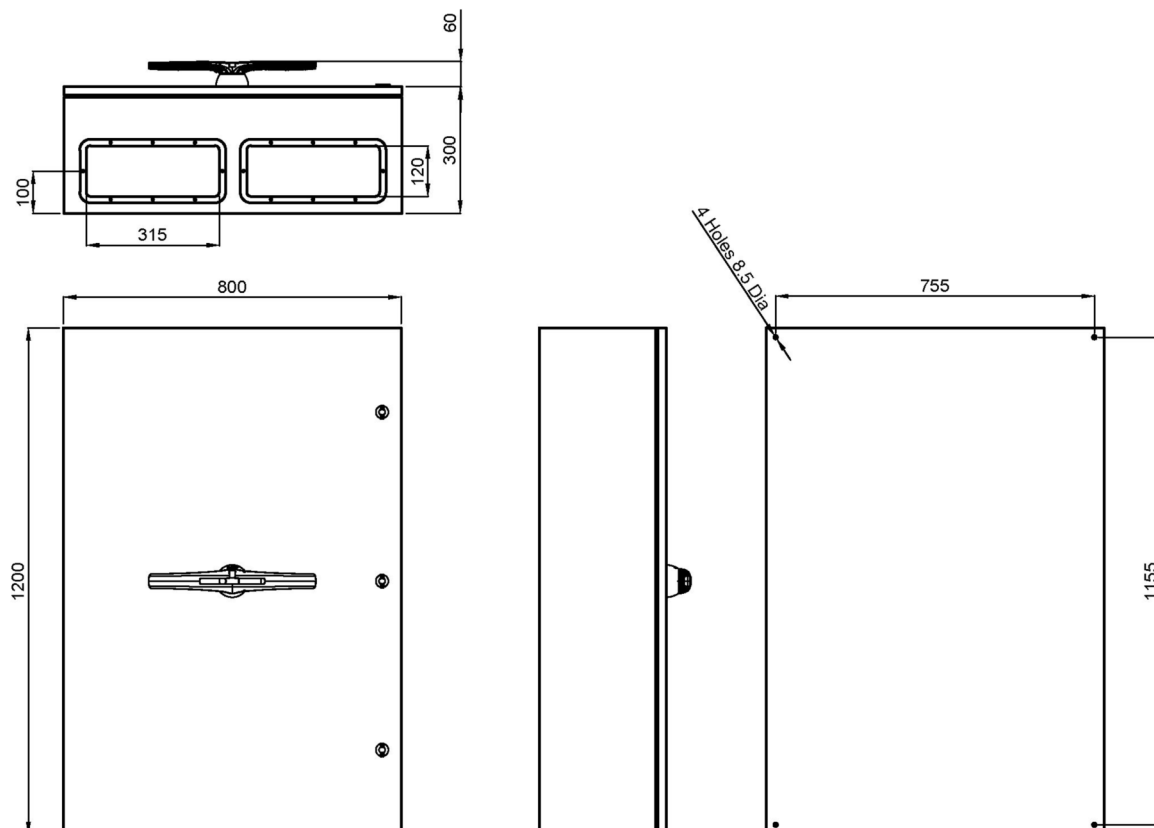
CE

☒ Bureau Vertitas ☒ KEMA Certified ☒ EN60947-1&3 ☒ IP65



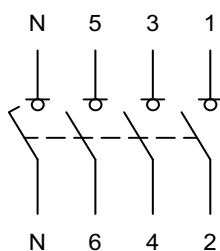
Data	Range	Units	LBD10003PNLME LBD10003PSNME	LBD12503PNLME LBD12503PSNME
Rated thermal current I _{th} at 40°C	Amps	A	1000	1250
Rated insulation voltage U _i	Volts	V	1000	
Rated dielectric strength	Volts	kV	8	
Rated impulse voltage U _{imp}	Volts	kV	12	
Rated operational current I _e at 400V AC-22A	Amps	A	1000	1250
Rated operational current I _e at 400V AC-23A	Amps	A	1000	
Rated operational power P _e at 400V AC-23A	Watts	kW	554	
Rated breaking capacity at 400V AC23A	Amps	A	8000	
Rated making capacity at 400V AC23A	Amps	A	10000	
Rated short circuit making capacity (peak value) I _{cm}	Amps	kA	60	
Rated short-time withstand current (1 sec) rms I _{cw}	Amps	kA	25	
Minimum number of mechanical operations	-	Cycles	10000	
Terminal Capacity (rigid copper cable)	-	mm ²	2x300	
Lug bolt size	-	-	M14	
Tightening torque	-	Nm	45	

Enclosure Dimensions

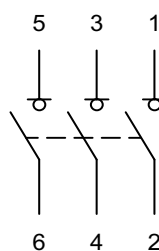


Terminal Configuration

LB 3 Pole +
Switched Neutral



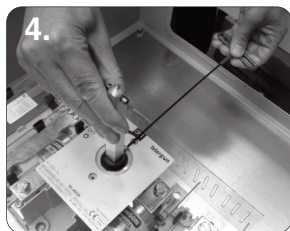
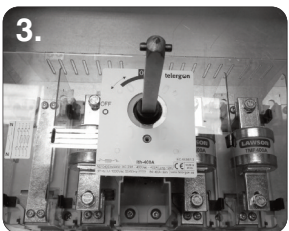
LB 3 Pole





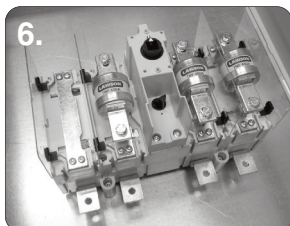
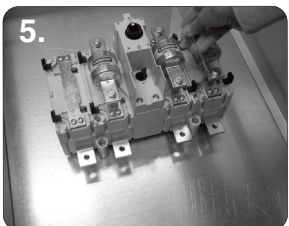
Handle Assembly:

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



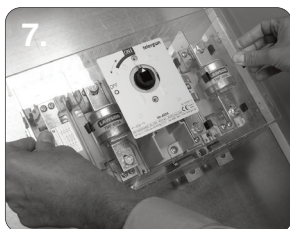
Shaft Assembly:

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

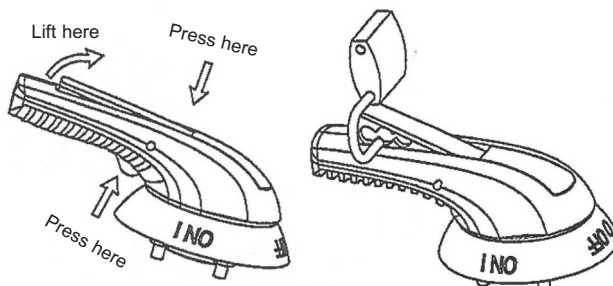


Fuse Shroud Assembly: (SWITCH FUSE ONLY)

- 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

