

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



LB203PSNL/ LB253PSNL/ LB323PSNL

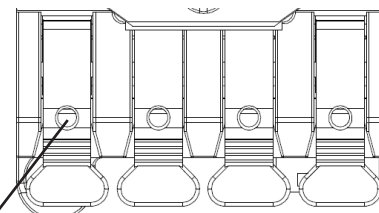
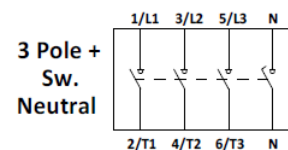
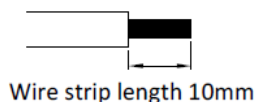
Lever Arm Enclosed Switch Disconnectors (Boxed Isolators)

Standards		EN / BS 60947-3				
Data		Range	Units	LB203PSNL	LB253PSNL	LB323PSNL
Rated Operational Voltage Ue		Volts	V	690	690	690
Rated Impulse Withstand Voltage Uimp		Volts	kV	6	6	6
Rated Uninterrupted Current Iu		Amps	A	16	20	25
Rated Operational Current Ie						
IEC & EN	AC-22	Up to 690V	A	16	20	25
	AC-21A	Up to 690V	A	20	25	32
	AC-1	Up to 690V	A	20	25	32
Rated Operational Power AC-23A (50-60Hz)						
IEC & EN	3 Phase	220-240V	kW	7.5	7.5	11
		280-440V	kW	15	15	22
		500-690V	kW	15	15	22
Rated Operational Power AC-3A (50-60Hz)						
IEC & EN	3 Phase	220-240V	kW	4	5.5	8
		380-440V	kW	5.5	11	15
		500-690V	kW	11	11	15
Short Circuit Capacity (IEC)						
Max Fuse Size (Type gG)		Amps	A	16	20	25
Rated Fused Short Circuit Current		Amps	kA	30	30	30
Terminal Specification						
Single Strand Wire			Min-mm²	2.5	2.5	2.5
			Max-mm²	10	10	10
Multiple Strand Wire			Min-mm²	2.5	2.5	2.5
			Max-mm²	6	6	6
Fine Strand with Sleeve			Min-mm²	0.75	0.75	0.75
			Max-mm²	6	6	6

Lever Arm Terminals

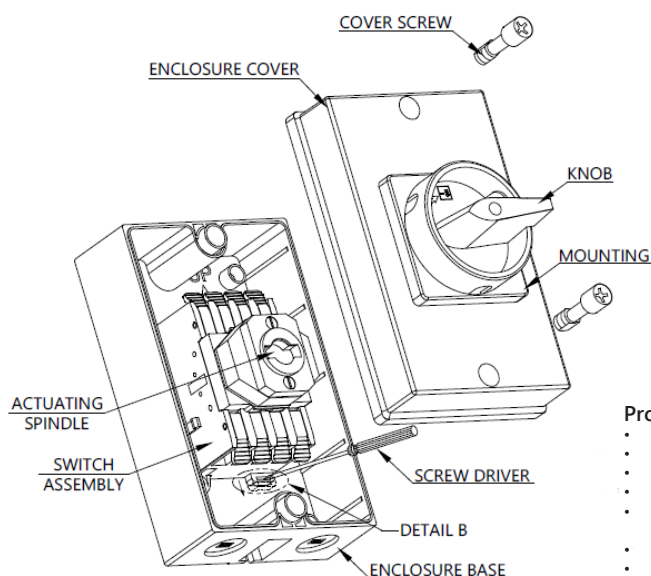
To operate, lift tabs until terminals are exposed. Insert wire then flick the tab back to the closed position.

Ensure that the wire is secure by pushing down the tab and tugging lightly on the wire. Ensure that the insulation is not clamped.

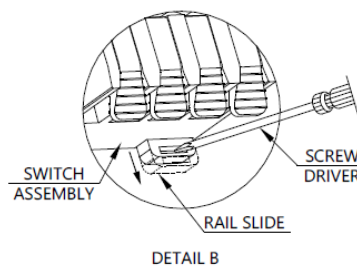


Each lever arm has a 2.5mm hole for a test probe

Enclosure Dimensions:



Use screwdriver to pull rail-slide to remove switch from Enclosure base.



Procedure to dismantle the cover:

- Ensure the switch is in OFF position.
- Unscrew the cover screws and remove the cover.
- After wiring ensure the profile orientation of the actuating spindle and knob shaft are in same position.
- For easy wiring, switch can be removed from the base and to fit after wiring.
- Place the cover with the base and tighten the cover screws moderately. Tightening Torque for cover screw is 1.2Nm.

Please Note: There is no need to remove the switch handle in order to remove the cover.

