

## Technical Data: LB634 & 804PST AC-22A **Switch Disconnectors - Steel Enclosed Isolators**

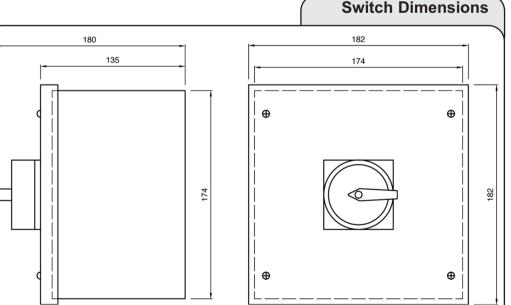
## Important Safety Notice A

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. Terminals, including factory fitted, should be checked periodically to ensure correct tightness.



✓ CONSTRUCT OF CB Approved ✓ IP65 Rated ✓ IEC / EN 60947-3 ✓ Epoxy Coated Strong Steel Enclosure ✓ RAL 7035 ✓ Fully Earth Bonded												
DATA		Range	Units	LB634PST	LB804PST	DATA		Range	Units	LB634PST	LB804PST	
Rated operational voltage Ue						UL Power Rating						
IEC & EN	IEC & EN		V	690	690	DOL	3 Phase	120V	hp	7.5	7.5	
UL		Volts	V	600	600			240V	hp	15	20	
Main switch: Isolating voltage up to		Volts	V	750	750			480V	hp	25	30	
Rated impulse withstand voltage Uimp		Volts	kV	6	6			600V	hp	30	40	
Rated uninterrupted current lu		Amps	А	63	80		1 Phase	120V	hp	3	3	
Rated operational current le					I Filase	240V	hp	7.5	7.5			
IEC & EN	AC-22A	Up to 690V	А	63	80	UL Short Circuit Ratings						
	AC-21A	Up to 690V	А	80	80	Fuse rating, class J Fuse rating, class RK5		Amps	А	70	125	
	AC-1	Up to 690V	А	80	80			Amps	А	-	-	
Rated operational power AC-23A (50-60Hz)						Rated Fused short circuit current		Amps	kA	10	10	
		230(240)V	kW	30	37	Short Circuit Capacity (IEC)						

						0,				
	AC-1	Up to 690V	А	80	80	Fuse rating, class RK5	Amps	A	-	-
Rated operational power AC-23A (50-60Hz)						Rated Fused short circuit current Amps		kA	10	10
IEC & EN	3 Phase	230(240)V	kW	30	37	Short Circuit Capacity (IEC)				
		400(415)V	kW	37	45	Max fuse size (Type gl) Amps		A	63	125
		690V	kW	45	90	Rated Fused short circuit current	Amps	kA	30	30
Rated operational power AC-3 (50-60Hz)						Terminal Specification				
	3 Phase	230(240)V	kW	22	30	- Single/ Multple strand wire		Min-mm <sup>2</sup>	2.5	2.5
IEC & EN		400(415)V	kW	22	37			Max-mm <sup>2</sup>	25	50
		690V	kW	30	55	Fine strand with sleeve		Min-mm <sub>2</sub>	2.5	4
,				-				Max-mm <sup>2</sup>	10	50



American wire gauge

Recommended Tightening Torque

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## **Switch Dimensions**

6

2.0

1

2.5

AWG

Nm

EDS1039-002

ompliant

**4P Switch** Configuration

5/13

6/ТЗ

7

8

3/12

4/T2

1/1 1

2/T1