

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



## LB254, 324, & 404PST AC-22A

### Switch Disconnectors - Steel Enclosed Isolators

- IP65 Rated
- RAL7035
- IEC / EN 60947-3
- Epoxy Coated Strong Steel Enclosure
- Fully Earth Bonded



Data		Range	Units	LB254PST	LB324PST	LB404PST	Data		Range	Units	LB254PST	LB324PST	LB404PST	
Rated Operational Voltage Ue							UL Power Rating							
IEC & EN		Volts	V	690	690	690	DOL	3 Phase	120V	hp	3	3	5	
UL		Volts	V	600	600	600			240V	hp	7.5	7.5	10	
Main switch Isolating Voltage up to		Volts	V	750	750	750			480V	hp	15	20	20	
Rated impulse withstand voltage Uimp		Volts	kV	6	6	6			600V	hp	20	25	30	
Rated uninterrupted current Iu		Amps	A	25	32	40		1 Phase	120V	hp	1.5	2	3	
									240V	hp	2	3	5	
Rated Operational Current Ie							UL Short Circuit Ratings							
IEC & EN		AC-22A	Up to 690V	A	25	32	40	Fuse rating, class J		Amps	A	45	45	70
		AC-21A	Up to 690V	A	32	40	63	Fuse rating, class RK5		Amps	A	-	-	-
		AC-1	Up to 690V	A	32	40	63	Rated Fused short circuit current		Amps	kA	10	10	10
Rated Operational Power AC-23A (50-60Hz)							Short Circuit Capacity (IEC)							
IEC & EN		3 Phase	230 (240V)	kW	11	15	22	Max fuse size (Type gl)		Amps	A	32	32	63
			400 (415)V	kW	15	18.5	30	Rated Fused short circuit current		Amps	kA	30	30	30
			690V	kW	22	22	45							
Rated Operational Power AC-3 (50-60Hz)							Terminal Specification							
IEC & EN		3 Phase	230 (240)V	kW	7.5	11	15	Single/ Multiple strand wire		Min-mm²	2.5	2.5	2.5	
			400 (415)V	kW	11	11	18.5			Max-mm²	10	10	25	
			690V	kW	15	15	30	Fine strand with sleeve		Min-mm²	0.75	0.75	2.5	
										Max-mm²	6	6	10	
			American wire gauge		AWG		10	10	6					
Recommended Tightening Torque		Nm					1.7	1.7	2.0					

