EUROPA

Data Sheet
EDS1235-003

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

LB100 - 1254PME - 3PSNME AC-22

4 Pole & 3 Pole + Switched Neutral
IP65 Steel Enclosed Switch Disconnectors

UL Standard		UL508(switch only)			
International/European Standard		IEC & EN 60947-1 and 3			
Data		**Range**	**Units**	**LB1004PME LB1003PSNME**	**LB1254PME LB1253PSNME**
Rated operational voltage Ue					
IEC & EN		Volts	V	690	690
UL		Volts	V	600	600
Main switch: Isolating voltage up to		Volts	V	750	750
Rated impulse withstand voltage Uimp		Volts	kV	6	6
Rated uniinterrupted current Iu		Amps	A	100	125
Rated operational current Ie					
IEC & EN	**AC-22A**	Up to 690V	A	100	125
	AC-21A	Up to 690V	A	100	125
	AC-1	Up to 690V	A	100	125
Rated operational power AC-23A (50-60Hz)					
IEC & EN	3 Phase	230(240)V	kW	45	55
		400(415)V	kW	55	75
		690V	kW	90	90
Rated operational power AC-3 (50-60Hz)					
IEC & EN	3 Phase	230(240)V	kW	37	45
		400(415)V	kW	45	55
		690V	kW	55	55
UL Power Rating					
DOL	3 Phase	120V	hp	7.5	7.5
		240V	hp	20	30
		480V	hp	30	40
		600V	hp	40	50
	1 Phase	120V	hp	3	3
		240V	hp	7.5	7.5

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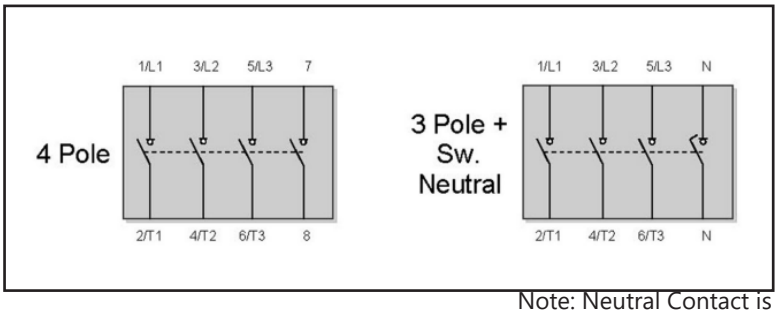
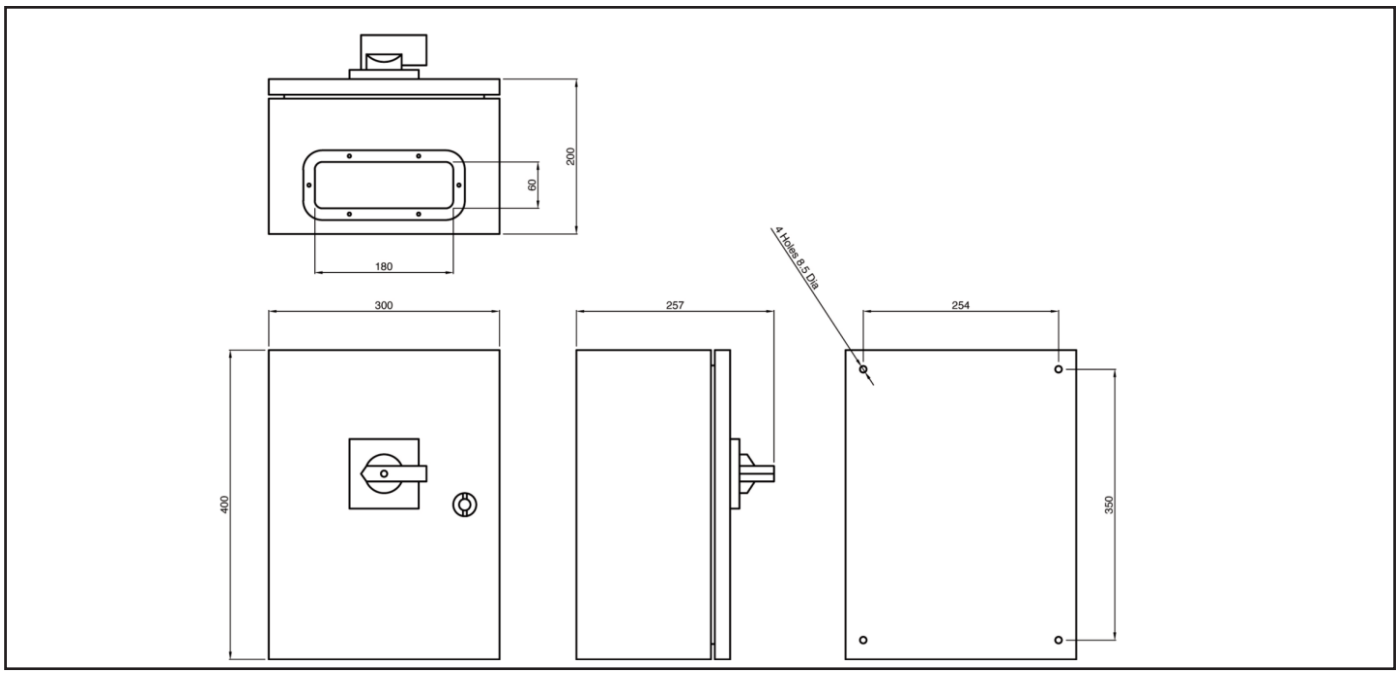
UL Short Circuit Ratings				
Fuse rating, class J	Amps	A	125	125
Fuse rating, class RK5	Amps	A	-	-
Rated Fused short circuit current	Amps	kA	10	10
Short Circuit Capacity (IEC)				
Max fuse size (Type gl)	Amps	A	125	125
Rated Fused short circuit current	Amps	kA	30	30
Terminal Specification				
Single/Multiple strand wire		Min-mm²	2.5	2.5
		Max-mm²	50	50
Fine strand with sleeve		Min-mm²	4	4
		Max-mm²	50	50
American wire gauge		AWG	1	1
Recommended Tightening Torque		Nm	2.5	2.5

Terminal **Configuration**



Note: Neutral Contact is early make/late break

Dimensions



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MAINTENANCE OF EUROPA STB ENCLOSURES

The Europa range of STB enclosures will require regular maintenance. This is due to light surface corrosion that may form on the surface of the enclosure from airborne or other sources of contaminates. Failing to remove the surface corrosion will result in the degradation of the paint finish.

The timescale for maintenance will depend on the environment and the location of the installation. For example, if the enclosure has been installed externally and exposed to all weather conditions, the unit will require more frequent maintenance that a unit that has been installed in a sheltered location.

In either case it is recommended that regular inspection is carried out to maintain the integrity of the enclosure. Maintenance consists of wiping off suspected residual surface rust and contaminates and if necessary, cleaning and then applying a rust inhibitor and touch up paint (colour RAL 7035) if required.

Where enclosures are in exposed or harsh environments or in difficult to access areas such as roof tops and remote locations, Europa would always recommend the ATLAS range of GRP enclosures which requires minimal maintenance.