



Data Sheet

4 Pole + Switched Neutral Metal Clad Enclosed Switch Disconnectors

AC-22

ERSM1004-IP54 - ERSM1254-IP54

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

DO NOT USE POWER TOOLS ON THESE PRODUCTS



Approvals		CB, CE & SEMKO			
UL Standard		UL508			
International / European Standard		IEC & EN 60947-1 and 3			
DATA	Range	Units	ERSM1004-IP54	ERSM1254-IP54	
Rated operational voltage U_e					
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 U_{imp}					
	Volts	kV	6	6	
Rated uninterrupted current I_u					
	Amps	A	100	125	
Rated operational current I_e					
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
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-mm ²	2.5	2.5	
		Max-mm ²	50	50	
Fine strand with sleeve		Min-mm ²	4	4	
		Max-mm ²	50	50	
American wire gauge		AWG	1	1	
Recommended Tightening Torque		Nm	2.5	2.5	

For any further assistance please contact:
www.eris-eu.com



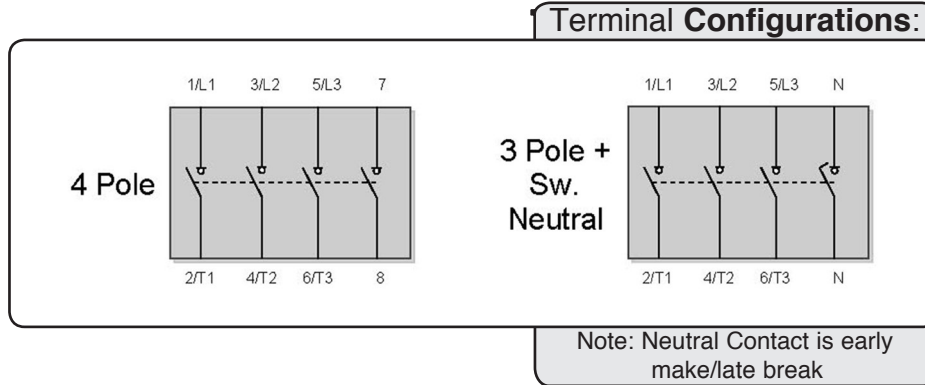
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Terminal Configurations:



Enclosure Dimensions:

