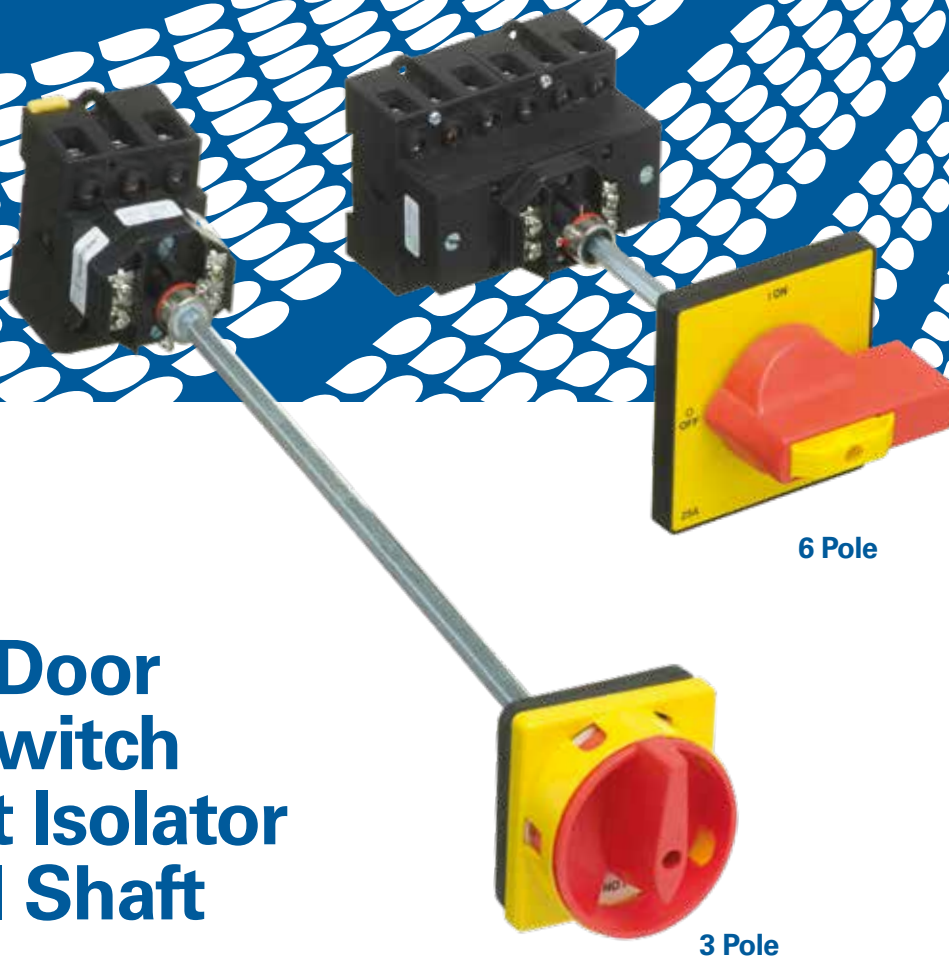




3 & 6 Pole Door Interlock Switch Disconnect Isolator with Metal Shaft

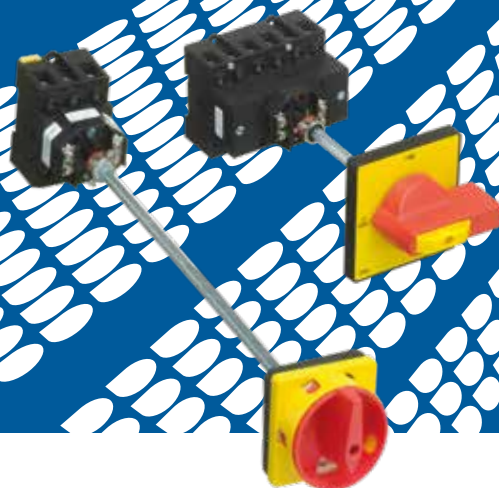
Technical Data

CB, CE & SEMKO Approved, UL508, IEC & EN 60947-1 and 3

Data		Range	Units	Part Number						
				ERSD253 ERSD256	ERSD323 ERSD326	ERSD403	ERSD633 ERSD636	ERSD803 ERSD806	ERSD1003	ERSD1253 ERSD1256
Rated operational voltage U_e										
IEC & EN		Volts	V	690	690	690	690	690	690	690
UL		Volts	V	600	600	600	600	600	600	600
Main switch: Isolating voltage up to		Volts	V	750	750	750	750	750	750	750
Rated impulse withstand voltage U_{imp}		Volts	kV	6	6	6	6	6	6	6
Rated uninterrupted current I_u		Amps	A	25	32	40	63	80	100	125
Rated operational current I_e										
IEC & EN	AC-22A	Up to 690V	A	25	32	40	63	80	100	125
	AC-21A	Up to 690V	A	32	40	63	80	80	100	125
	AC-1	Up to 690V	A	32	40	63	80	80	100	125

For any further comments or assistance please contact:

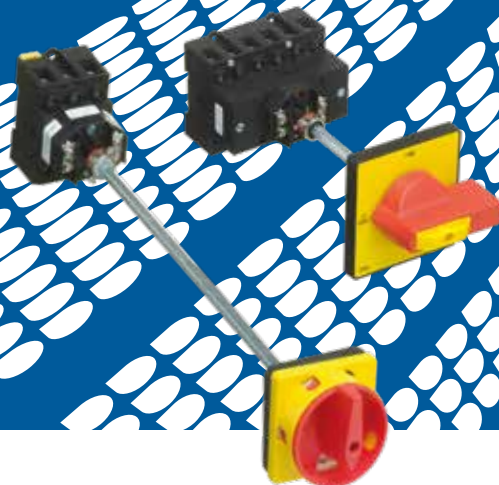
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Data		Range	Units	Part Number						
				ERSD253 ERSD256	ERSD323 ERSD326	ERSD403	ERSD633 ERSD636	ERSD803 ERSD806	ERSD1003	ERSD1253 ERSD1256
Rated operational power AC-23A (50-60Hz)										
IEC & EN	3 Phase	230(240)V	kW	11	15	22	30	37	45	55
		400(415)V	kW	15	18.5	30	37	45	55	75
		690V	kW	22	22	45	45	90	90	90
Rated operational power AC-3 (50-60Hz)										
IEC & EN	3 Phase	230(240)V	kW	7.5	11	15	22	30	37	45
		400(415)V	kW	11	11	18.5	22	37	45	55
		690V	kW	15	15	30	30	55	55	55
UL Power Rating										
DOL	3 Phase	120V	hp	3	3	5	7.5	5	7.5	7.5
		240V	hp	7.5	7.5	10	15	20	20	30
		480V	hp	15	20	20	25	30	30	40
		600V	hp	20	25	30	30	40	40	50
	1 Phase	120V	hp	1.5	2	3	3	3	3	3
		240V	hp	2	3	5	7.5	7.5	7.5	7.5
UL Short Circuit Ratings										
Fuse rating, class J		Amps	A	45	45	70	70	125	125	125
Fuse rating, class RK5		Amps	A	-	-	-	-	-	-	-
Rated Fused short circuit current		Amps	kA	10	10	10	10	10	10	10
Short Circuit Capacity (IEC)										
Max fuse size (Type gl)		Amps	A	32	32	63	63	125	125	125
Rated Fused short circuit current		Amps	kA	30	30	30	30	30	30	30
Terminal Specification										
Single/ Multiple strand wire			Min-mm ²	2.5	2.5	2.5	2.5	2.5	2.5	2.5
			Max-mm ²	10	10	25	25	50	50	50
Fine strand with sleeve			Min-mm ²	0.75	0.75	2.5	2.5	4	4	4
			Max-mm ²	6	6	10	10	50	50	50
American wire gauge			AWG	10	10	6	6	1	1	1
Recommended Tightening Torque			Nm	1.7	1.7	2.0	2.0	2.5	2.5	2.5

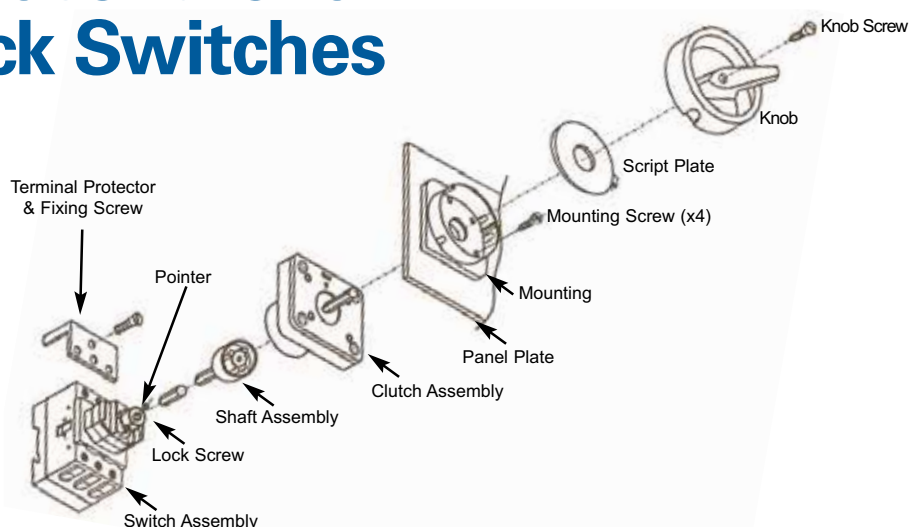
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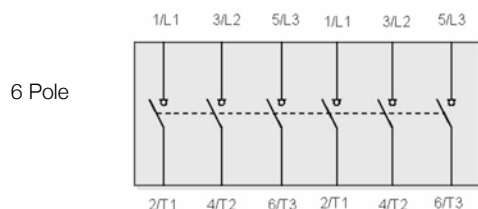
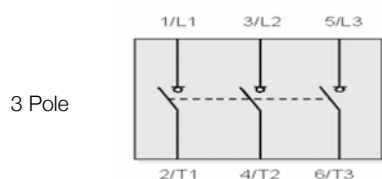


Mounting Procedure for Door Interlock Switches

- Fix clutch assembly keeping arrows upwards and position the knob in the OFF position
- Fix the switch in-line with clutch assembly
- Cut the shaft to the appropriate length and tighten the lock screws (recommended tightening torque 1.2Nm)



Terminal Configuration



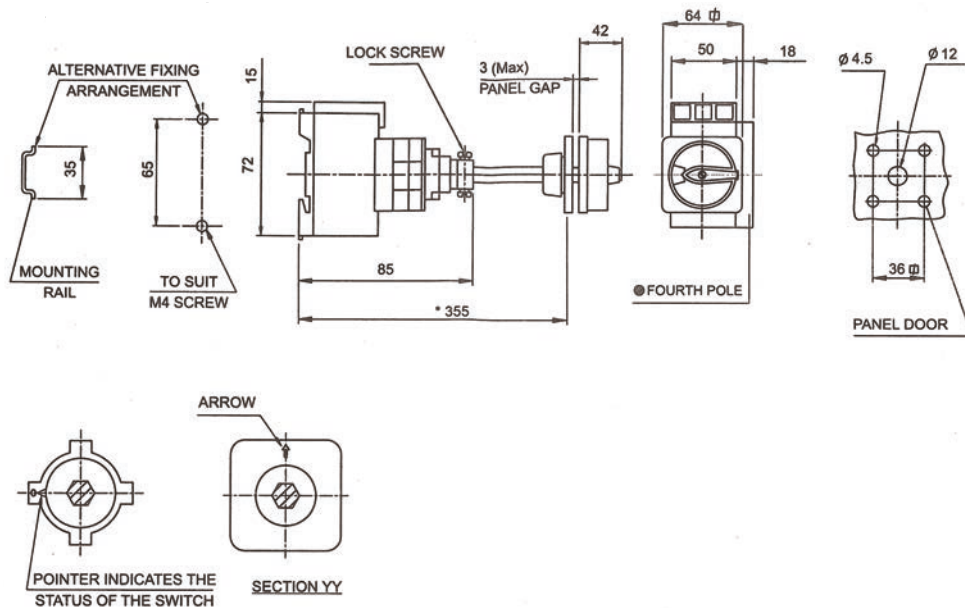
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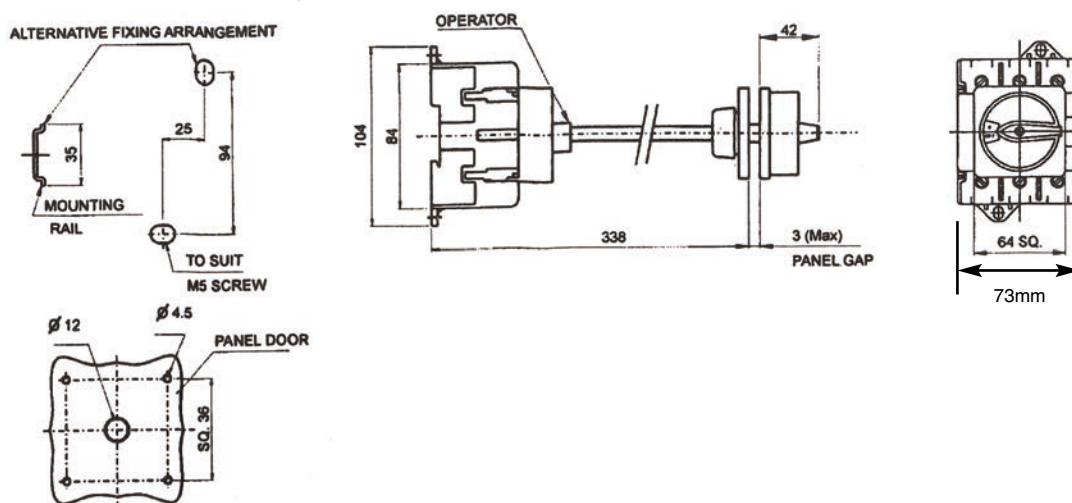


Dimensions - 3 Pole

ERSD253, ERSD323, ERSD403 and ERSD633

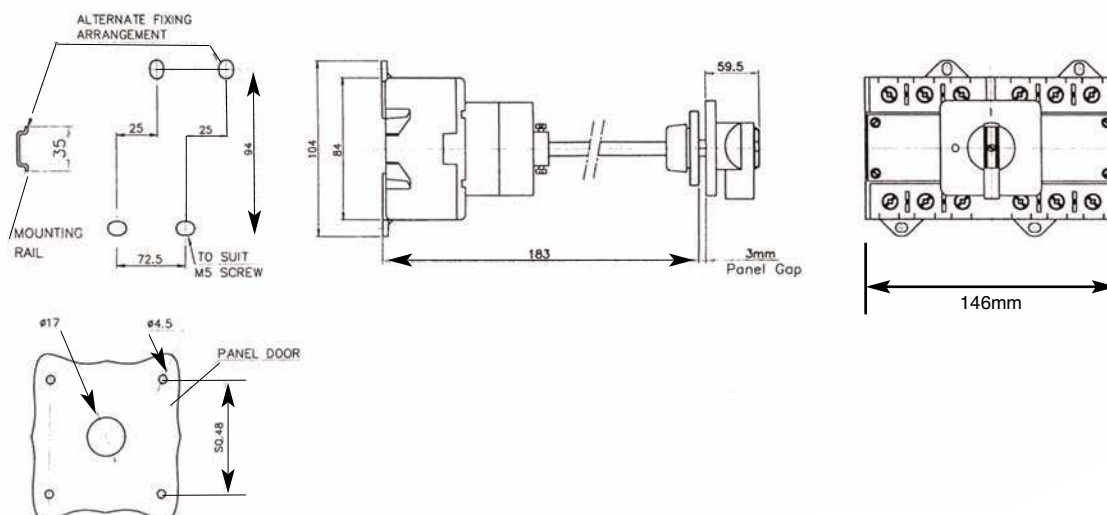


ERSD803, ERSD1003 and ERSD1253



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ERSD256, ERSD326 and ERSD636

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