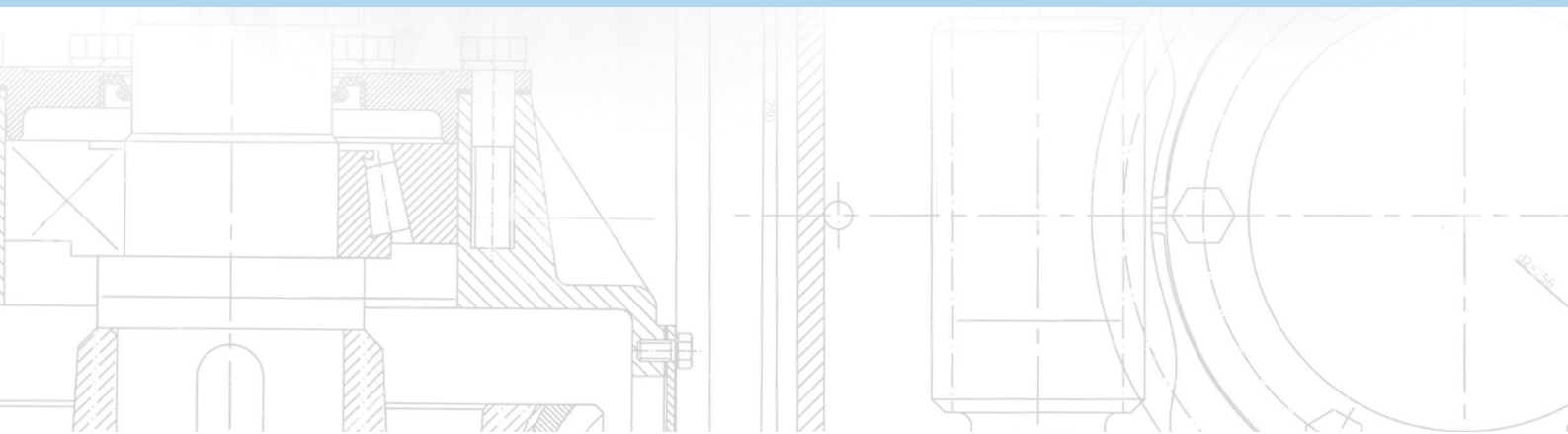


MeK-Tronics

ROTARY DISCONNECT SWITCHES MKD-S Series

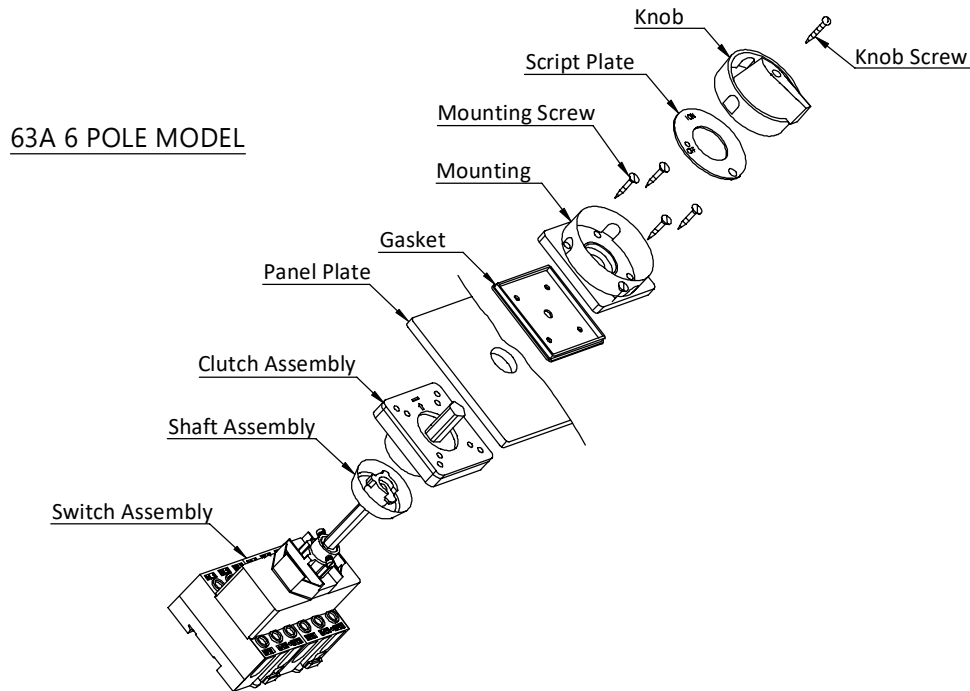


Product Data Sheet

Specifications:

Standards			IEC & EN 60947-1 and 3 / UL508							
Data		Range	Units	Switch Code						
				MKD-S225	MKD-S232	MKD-S240	MKD-S263	MKD-S4080	MKD-S4100	MKD-S4125
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 upto		Volts	V	750	750	750	750	750	750	750
Rated impulse withstand Voltage Uimp		Volts	kV	6	6	6	6	6	6	6
Rated uninterrupted current Iu		Amps	A	25	32	40	63	80	100	125
Rated Operational current Ie										
IEC/EN	AC-22A	Up to 690V	A	25	32	40	63	80	100	125
	AC-1	Up to 690V	A	32	40	63	80	80	100	125
Rated Operational Power AC-23A (50 to 60Hz)										
IEC/EN	3Phase, 3Pole	220-240 V	kW	11	15	22	30	37	44	60
		380-440 V	kW	22	22	45	45	90	90	90
		500-690 V	kW	22	22	45	45	90	90	90
Rated Operational Power AC-3 (50 to 60Hz)										
IEC/EN	3Phase, 3Pole	220-240 V	kW	8	11	15	22	30	37	44
		380-440 V	kW	15	15	30	30	55	55	55
		500-690 V	kW	15	15	30	30	55	55	55
UL Power Rating										
DOL	3Phase, 3Pole	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 Rating										
Fuse rating, class J		Amp	A	45	45	70	70	125	125	125
Rated fused short circuit current		Amp	kA	10	10	10	10	10	10	10
Short Circuit Capacity (IEC/EN):										
Max .Fuse size (Type gG)		Amp	A	32	32	63	63	125	125	125
Rated fused short circuit current		Amp	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 Wire 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
Recommended Tightening Torque			Nm	1.7	1.7	2	2	2.5	2.5	2.5
American wire gauge			AWG	10	10	6	6	1	1	1

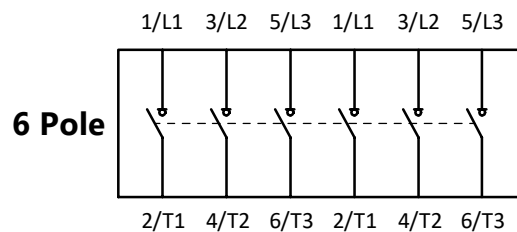
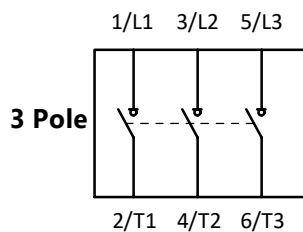
Product Data Sheet



Mounting Procedure for Door Interlock Switches:

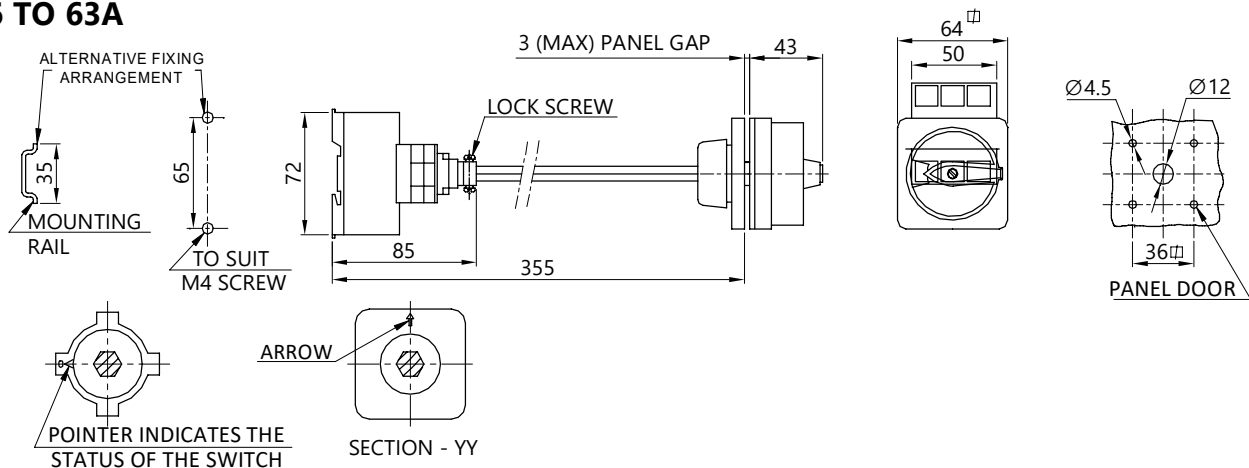
- Fix Clutch Assembly Keeping arrow upwards and position the knob in OFF position.
- Fix the switch inline with clutch assembly.
- Cut the shaft to appropriate length and tighten the lock screws (recommended Tightening Torque 1.2 Nm)

Terminal Configuration:



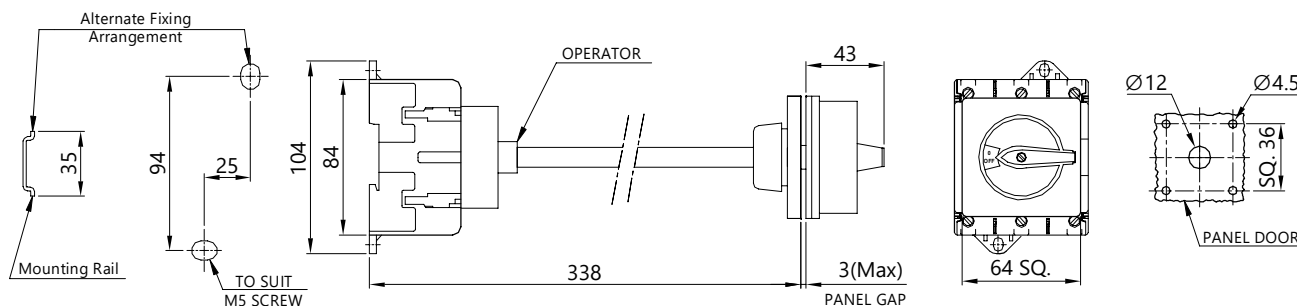
3 Pole Dimension (mm):

16 TO 63A



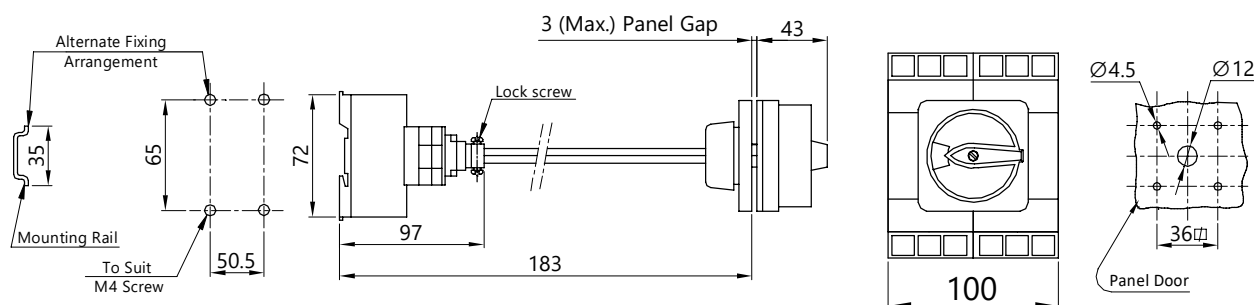
3 Pole Dimension(mm):

80 TO 125A



6 Pole Dimension(mm):

16 TO 63A



80 TO 125A

