

Rotary Isolators

3 Poles

LBPM 25 to 63 A :



Features :



LBPM 25 to 63 A :

- Degree of protection IP65
- Panel mount
- 2 hole rear mounting or snap on mounting to 35mm DIN rail
- Operable from the front (door) coupled with the door mechanism
- Door interlock (door opens only in the OFF position)
- Switch with round padlocking device to prevent the switch from being switched on by unauthorised personnel. (The maximum number of padlocks that can be used is 3)

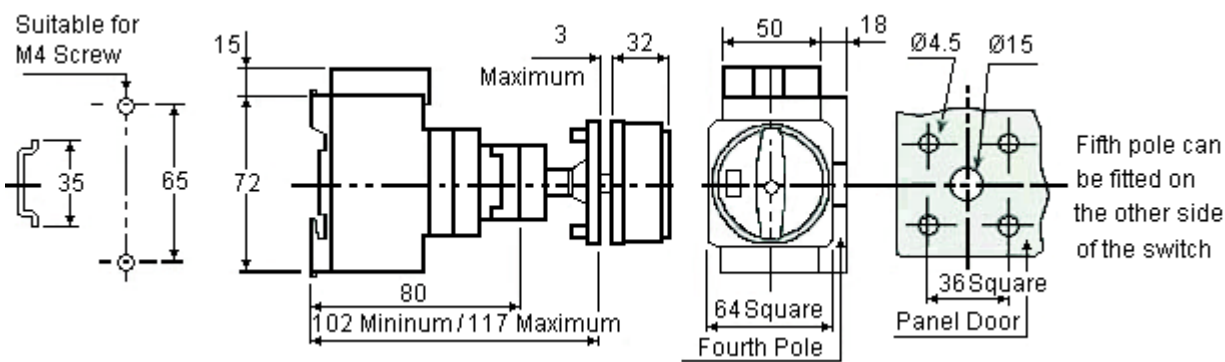
LBDI 25 to 63 A :



LBDI 25 to 63 A :

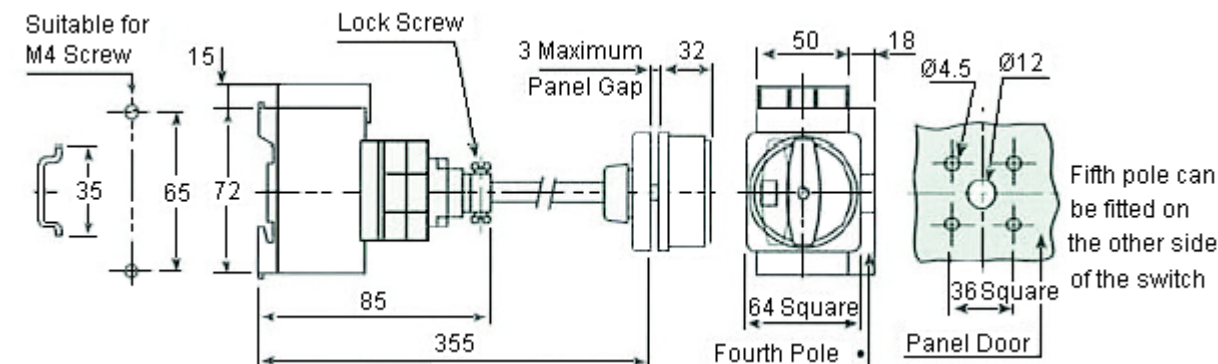
- Degree of protection IP65
- DIN rail mount
- Metal shaft 280mm
- 2 hole rear mounting or snap on mounting to 35mm DIN rail
- Operable from the front (door) coupled with the door mechanism
- Door interlock (door opens only in the OFF position). Rigid metal shaft / switch assembly
- Switch with padlocking device to prevent the switch from being turned to the on position by unauthorised personnel. (The maximum number of padlocks that can be used is 3)
- Adjustable mounting by cutting the metal shaft to appropriate length to suit panel height

LBPM 25 to 63 A :



Dimensions : Millimetres

LBDI 25 to 63 A :



Dimensions : Millimetres

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Canadian Standards :		CAN / CSA-C22.2 No.14				-				
American Standards :		UL508								
IEC and European Standards :		IEC 60947-1 and 3, EN60947, VDE 0660-107								
Isolator Rating (AC-21)	Measure	Switch Code	LB25	LB32	LB40	LB63	LB80	LB100	LB125	
Rated Operational Voltage, UE										
IEC / EN / VDE	Volts	V	690	690	690	690	690	690	690	
UL / CSA			600	600	600	600	600	600	600	
Main Switch : Isolating Voltage up to			750	750	750	750	750	750	750	
Resistance to Surge Pulse Voltage, Uimp	KV	6	6	6	6	6	6	6	6	
Rated Uninterrupted Current, Iu		A	20	25	32	40	63	100	125	
Rated Uninterrupted Current, Ie										
IEC / EN / VDE	AC - 22	Amperes	A	20	25	32	40	63	100	125
	AC - 21A			25	32	40	63	80		
	AC - 1			20	25	32	40	63		
UL / CSA				20	25	32	40	63		
Rated Operational Power at 50 to 60 Hz (IEC / EN / VDE)										
IEC / EN / VDE	AC - 23 A, 3 Phase, 3 Poles	220 - 240 V	kW	4	5.5	7.5	11	15	22	30
		380 - 440 V		7.5	11	15	18.5	30	37	45
		500 - 690 V		11			22		45	55
	AC - 3 A, 3 Phase, 3 Poles	220 - 240 V		3	4	5.5	7.5	11	18.5	22
		380 - 440 V		5.5	7.5	11	18.5	22	30	37
		500 - 690 V		7.5	11				37	45
Short Circuit Capacity (IEC / EN / VDE)										
Maximum Fuse Size (Type gL)		Amperes	A	25	25	32	40	63	100	125
Rated Fused Short Circuit Current			kA	5	30	30	30	30	30	30
UL / CSA Power Rating										
DOL	3 Phase, 3 Poles	120 V	HP	1.5	3	3	5	7.5	7.5	7.5
		240 V		3	7.5	7.5	10	15	15	15
		480 V		7.5	15	20	20	25	30	40
		600 V		10	20	25	30	30	40	50
	1 Phase	120 V		0.5	1.5	2	3	4.5	3	3
		240 V		1.5	2	3	4	6	7.5	7.5

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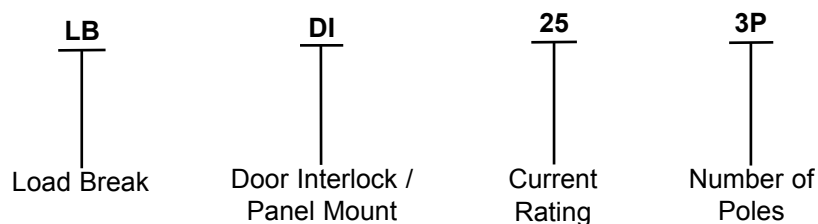
3 Poles

Isolator Rating (AC-21)	Measure	Switch Code	LB25	LB32	LB40	LB63	LB80	LB100	LB125
Short Circuit Capacity (UL / CSA)									
Maximum Fuse Size	Amperes	A	25	50	50	70	70	100	125
Fuse (Being Certified with J Type Fuses)	Type	-	J	J, RK5				J	J
Rated Fuse Short Circuit Current	Amperes	kA	5	5	5	5	5	10	10
Terminal Cross Section									
Single / Multiple Strand Wire	Minimum	mm ²	1.5	1	1	4	4	6	6
	Maximum		6	10	10	16	16	70	70
Fine Strand Wire with Sleeve	Minimum		0.5	0.75	0.75	2.5	2.5	4	4
	Maximum		6	6	6	10	10	50	50
American Wire Gauge	-	AWG	12	8	8	6	6	1	1
Recommended Tightening Torque for Terminals	-	NM	0.8	1.7	1.7	1.7	1.7	2.5	2.5

Part Number Table

Description	Part Number
Isolator Interlock 25 A 3P	LBDI253P
Isolator Interlock 32 A 3P	LBDI323P
Isolator Interlock 40 A 3P	LBDI403P
Isolator Interlock 63 A 3P	LBDI633P
Isolator Interlock 80 A 3P	LBDI803P
Isolator Interlock 100 A 3P	LBDI1003P
Isolator Interlock 125 A 3P	LBDI1253P
Isolator Panel Mount 25 A 3P	LBPM253P
Isolator Panel Mount 32 A 3P	LBPM323P
Isolator Panel Mount 40 A 3P	LBPM403P
Isolator Panel Mount 63 A 3P	LBPM633P

Part Number Explanation:



Door Interlock / Panel Mount : DI = Door Interlock and PM = Panel Mount

Current Rating : 25 = 25 A, 32 = 32 A, 40 = 40 A, 63 = 63 A, 80 = 80 A, 100 = 100 A and 125 = 125 A (AC - 21 A and AC - 1)

Number of Poles : 3P = 3 Poles

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