

Technical Data

UL STANDARD	UL508
EUROPEAN STANDARD	IEC60947-1 and3, EN60947-3

DATA	Measure	Switch code	LB116	LB120	LB225	LB232	LB240	LB263	LB4080	LB4100	LB4125	LB5160	LB6250	
Rated operational voltage Ue														
IEC/EN	Volts	V	690	690	690	690	690	690	690	690	690	690	690	
UL	Volts	V	600	600	600	600	600	600	600	600	600			
Main switch:Isolating voltage upto	Volts	V	750	750	750	750	750	750	750	750	750	800	800	
Resistance to surge pulse voltage Uimp	Volts	kV	6	6	6	6	6	6	6	6	6	8	8	
Rated uninterrupted current Iu														
	Amp	A	16	20	25	32	40	63	80	100	125	160	250	
Rated operational current Ie														
IEC / EN														
AC22	Amp	A	16	20	25	32	40	63	80	100	125	160	250	
AC-21A	Amp	A	20	25	32	40	63	80	80	100	125	160	250	
AC-1	Amp	A	20	25	32	40	63	80	80	100	125	160	250	
Rated operational power at 50 to 60Hz														
AC-23A IEC/EN														
3Phase, 3Pole	220-240V	kW	7.5	7.5	11	15	22	30	37	44	60			
	380-440V	kW	15	15	22	22	45	45	90	90	90	80	132	
	500-690V	kW	15	15	22	22	45	45	90	90	90	55	90	
AC-3 IEC/EN														
3Phase, 3Pole	220-240V	kW	4	5.5	8	11	15	22	30	37	44			
	380-440V	kW	5.5	11	15	15	30	30	55	55	55			
	500-690V	kW	11	11	15	15	30	30	55	55	55			
Short circuit capacity: (IEC/EN)														
Max .Fuse size (Type gG)	Amp	A	20	20	32	32	63	63	125	125	125	160	250	
Rated fused short circuit current	Amp	kA	5	5	30	30	30	30	30	30	30	50	50	
UL RATING (POWER)														
DOL RATING														
3PHASE 3POLE	120V	HP	1.5	1.5	3	3	5	7.5	5	7.5	7.5			
	240V	HP	3	3	7.5	7.5	10	15	20	20	30			
	480V	HP	7.5	7.5	15	20	20	25	30	30	40			
	600V	HP	10	10	20	25	30	30	40	40	50			
1PHASE	120V	HP	0.5	0.5	1.5	2	3	3	3	3	3			
	240V	HP	1.5	1.5	2	3	5	7.5	7.5	7.5	7.5			
Short Circuit Capacity: (UL)														
Fuse	Type	Class	Rk5	Rk5	J	J	J	J	J	J	J			
Maximum Fuse Size	Amp	A	20	20	45	45	70	70	125	125	125			
Rated fused Short circuit current	Amp	kA	10	10	10	10	10	10	10	10	10			
Terminal Cross section														
Single/multiple strand wire		Min-mm ²	1	1	2.5	2.5	2.5	2.5	2.5	2.5	2.5	10	95	
		Max-mm ²	4	4	10	10	25	25	50	50	50	95	150	
Fine-Strand Wire with sleeve		Min-mm ²	0.5	0.5	0.75	0.75	2.5	2.5	4	4	4			
		Max-mm ²	4	4	6	6	10	10	50	50	50			
American wire Gauge		AWG	12	12	10	10	6	6	1	1	1			
Thread Dimension for Terminal Screw			M3.5	M3.5	M4	M4	M4	M4	M6	M6	M6	M8	M10	
Recommended Tightening Torque for terminals			Nm	0.8	0.8	1.7	1.7	2	2	2.5	2.5	2.5	9	20

