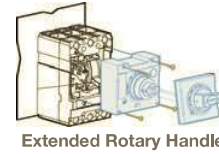
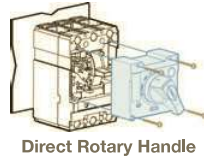


LS External Handles FOR MOULDED CASE CIRCUIT BREAKERS



Part No.	Type	Suitable Models
Direct Rotary Handle		
83111172801	DH2-S	TS100, 160, 250
83111173801	DH3-S	TS400, 630
83111174801	DH4-S	TS800
Extended Rotary Handle		
83111172806	EH2-S	TS100, 160, 250
83111173806	EH3-S	TS400, 630
83111174806	EH4-S	TS800

LS Manual Motor Starters MOTOR CIRCUIT BREAKERS



Features

- Adjustable thermal release
- Lockout with Handle
- Large Scale for current setting
- Touch safe terminals



Part No.	Type	Dimensions	Min Rating (A)	Max Rating (A)
32H				
0705000400	MMS-32H-0.63A	W45 x H94 x D100	0.4	0.63
0705000500	MMS-32H-1A	W45 x H94 x D100	0.63	1
0705000600	MMS-32H-1.6A	W45 x H94 x D100	1	1.6
0705000700	MMS-32H-2.5A	W45 x H94 x D100	1.6	2.5
0705000800	MMS-32H-4A	W45 x H94 x D100	2.5	4
0705000900	MMS-32H-6A	W45 x H94 x D100	4	6
0705001100	MMS-32H-10A	W45 x H94 x D100	6	10
0705001300	MMS-32H-17A	W45 x H94 x D100	11	17
0705001200	MMS-32H-13A	W45 x H94 x D100	9	13
0705001400	MMS-32H-22A	W45 x H94 x D100	14	22
0705001500	MMS-32H-32H	W45 x H94 x D100	18	26
0705001600	MMS-32H-32A	W45 x H94 x D100	22	32
63H				
0706001300	MMS-63H-22A	W55 x H140 x D145	14	22
0706001600	MMS-63H-40A	W55 x H140 x D145	28	40
0706001700	MMS-63H-50A	W55 x H140 x D145	34	50
0706001800	MMS-63H-63A	W55 x H140 x D145	45	63

LS Auxiliary Feedback FOR MANUAL MOTOR STARTERS



Auxiliary Switch Units (Front Mount)



Auxiliary Switch Units (Left Hand Side)

Part No.	Type	Contacts	Mounting Type	Notes
Auxiliary Switch Units (Front Mount)				
83361941001	FX	2 NO	Front Mount	One per unit
83361941002	FX	1 NO / 1NC	Front Mount	One per unit
Auxiliary Switch Units (Left Hand Side)				
83361941004	LX	2 NO	Left Hand Side	
83361941005	LX	1 NO / 1NC	Left Hand Side	
83361941006	LX	2 NC	Left Hand Side	
Alarm Contact Units				
83011941005	LAM - Magnetic Trip Alarm Switch	1 NO / 1NC	Left Hand Side	Set LAM first in case of using LX together
83011941002	LA - Any Trip Alarm Switch	1 NO / 1NC	Left Hand Side	MMS-63 can not accept LX and LA together

LS Accessories FOR MANUAL MOTOR STARTERS



MMS to Contactor Linking Bars

Jumper Bars for MMS

Handles

Enclosures

Part No.	Type	Description
MMS to Contactor Linking Bars		
73311941003	MINI AC DA-16HA	32H MMS and Mini Contactor (for AC coil)
73311941004	MINI AC DA-16HD	32H MMS and Mini Contactor (for DC coil)
73311634052	AC DA-18HA	32H MMS and 18AF Contactor (for AC coil)
73311634052	AC DA-18HA	32H MMS and 18AF Contactor (for DC coil)
73311634002	AC DA-32HA	32H MMS and 40AF Contactor (for AC coil)
73311634004	DC DA-32HD	32H MMS and 40AF Contactor (for DC coil)
73311634005	AC DA-63A	63H MMS and 65AF Contactor (for AC coil)
Jumper Bars for MMS		
70211941201	PB-322	Link Busbar 2 x 32H MMS unit
70211941301	PB-323	Link Busbar 3 x 32H MMS unit
70211941340	PB-324	Link Busbar 4 x 32H MMS unit
70211941350	PB-325	Link Busbar 5 x 32H MMS unit
62671941001	LTB-32	Main Feed Terminal 65A
Handles		
83111912004		Handle for 32H, 315mm Shaft
83111912005		Handle for 63H, 315mm Shaft
Enclosures		
53911941001		IP65 Enclosure for 32H

LS Contactors MAGNETIC CONTACTORS



18AF

22AF

40AF

65AF

100AF

150AF

225AF

400AF

Type	Auxiliary	Coil Voltages						
		415V kW	HP	AC-3	24Vdc	24Vac	240Vac	400Vac
Frame Size 18AF (73.5mm x 45mm)								
MC-6a	1 N/O	3	5	6A	1327005300	1327001600	1327002400	1327001100
MC-9a	1 N/O	4	5	9A	1316005300	1316001600	1316002400	1316001100
MC-12a	1 N/O	5.5	7.5	12A	1317005300	1317001600	1317002400	1317001100
MC-18a	1 N/O	7.5	10	13A	1328005300	1328001600	1328002400	1328001100
Frame Size 22AF (73.5mm x 45mm)								
MC-22b	1 N/O + 1 N/C	11	15	22A	1347100300		1347000800	1347001100
Frame Size 40AF (83mm x 45mm)								
MC-32a		15	20	32A	1336005300	1336000100	1336000800	
MC-40a		18.5	30	40A	1337005300	1337000100	1337000800	
Frame Size 65AF (106mm x 55mm)								
MC-50a		22	40	50A			1380000500	
MC-65a		30	50	65A	1381004800		1381000600	
Frame Size 100AF (140mm x 70mm)								
MC-75a		37	50	75A			1382001000	
MC-100a		55	75	105A	1384011900			
Frame Size 150AF (158mm x 95mm)								
MC-130a		60	75	130A			1385000100	
MC-150a		75	100	150A			1386000100	
Frame Size 225AF (203mm x 138mm)								
MC-225a	2 N/O + 2 N/C	132	150	225A			1368000200	
Frame Size 400AF (243mm x 163mm)								
MC-400a	2 N/O + 2 N/C	200	300	400A			1371000200	