

External handle operators

Description (NEMA 1, 3R, 12)	For use with	Type	Cat. no	List
Used for thru door safety door interlock applications	MBS32*H...(IP55)	Standard (black)	MA32HB	\$49
	MBS32*H...(IP55)	Emergency (red/yellow)	MA32HR	49
Lockable with 1, 2 or 3 padlocks diameter 4 to 8mm	MBS63...(IP55)	Standard (black)	MA63HB	49
	MBS63...(IP55)	Emergency (red/yellow)	MA63HR	49

Two types: standard and emergency applications
ON/OFF/TRIPPING position marking
Protection degree: IP55 WaterTight/DustTight (Type 1,3R,12)
Shaft mounting depths:
139.8-289.8mm (5.5"-11.4") for MA32HB, MA32HR / 161-311.11mm (6.3"-12.3") for MAH63HB, MA63HR

For (4X) Applications Use (IP66) "BY" Operator	For use with	Type	Cat. No.	List
* Will not indicate tripped position	*MBS32H	Black	MA32-BY-SS	\$68
	*MBS32H	Emergency (Red/Yellow)	MA32-BY-RG	68
	*MBS63H	Black	MA63-BY-SS	68
	*MBS63H	Emergency (Red/Yellow)	MA63-BY-RG	68

Package parts and quantities:
1 operator handle 1 shaft
1 shaft guide clamp 1 interlock coupling
4 mounting screws



External Handle

Combination Starter Components

Description	For use with	AC/DC	MBS32	MBS63	List
Plastic plates for mounting the fuseless starter in panels or in 35mm DIN rail	LS4...LS5K...LS7K...LS11K	AC/DC	MBS32	MF32B1	\$20
	LS12K..., LS15K..	AC	MBS32	MF32B4	20
	LS12K...,LS15K...,LS18K..	AC/DC	MBS63	MF63B2	30
	LS22K...,LS30K..	AC/DC	MBS63	MF63B3	30
LS12K...,LS15K..	AC	MBS32/63	MF32C11B	6	

* For mounting two base plates together for reversing applications

* Link connector must be ordered with Combination Plate for reversing applications.
Base plates used for assembly of Combination Starters.



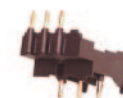
Combination Mounting Plates

Description	For use with contactor	Cat. no	List
Fit the plastic cover into the front of the correspondent contactor to allow a clear identification of the terminal numbering	LS4K...,LS5K...,LS7K.. <i>without built-in auxiliary contact</i>	MF00S7	\$3
	LS4K...,LS5K...,LS7K.. <i>with built-in 1NO auxiliary contact</i>	MF10S7	3
	LS4K...,LS5K...,LS7K.. <i>with built-in 1NC auxiliary contact</i>	MF01S7	3
	LS11K... <i>without built-in auxiliary contact</i>	MF00S11	3
	LS12K...,LS15K.. <i>without built-in auxiliary contact</i>	MF00S16	4
	LS12K...,LS15K.. <i>with built-in 1NO auxiliary contact</i>	MF10S16	4
	LS12K...,LS15K.. <i>with built-in 1NC auxiliary contact</i>	MF01S16	4
	LS18K... <i>without auxiliaries</i>	MF00S18	4
	LS22K...,LS30K.. <i>without auxiliaries</i>	MF00S37	5



Contactor Terminal Marker

Description	For use with	AC/DC	Frame Size	Cat. no	List
For mechanical and electrical connection between contactors and manual motor starters	LS05..	AC/DC	MBS32	MF32L05B	\$6
	LS4K...,LS5K...,LS7K..	AC	MBS32	MF32L7A	9
Link Modules	LS4K...,LS5K...,LS7K..	DC	MBS32	MF32L7D	9
	LS11K...	AC	MBS32	MF32L11A	9
	LS11K...	DC	MBS32	MF32L11D	9
	LS12K...,LS15K..	AC	MBS32	MF32L16A	9
	LS12K...,LS15K..	DC	MBS32	MF32L16S	9
	LS12K...,LS15K..	AC	MBS63	MF63L16A	20
	LS18K...	AC	MBS63	MF63L18A	20
	LS12K...,LS15K	DC	MBS63	MF63L16D	20
	LS18K...	DC	MBS63	MF63L18D	20
	LS22K...,LS30K..	AC	MBS63	MF63L30A	20



Link to Contactor