

Manual Motor Starters

MMS Series



Standards and Certifications

- UL508 (Manual Motor Controller)
- UL508 (Type E self-protected Manual Motor Controller)
- CSA C22.2 No.14
- IEC 60947-2 & IEC 60947-4-2

Features

- DIN Rail and Screw Mounting
- Lockable Handle in OFF position
- Finger safe terminals
- Class 10 thermal Overload protection
- Trip test feature
- Phase failure protection
- Adjustable thermal release
- Type F combination Manual Motor Controller (with MC-Series Contactor)
- Wide range of common accessories:
 - Auxiliary contacts
 - Alarm Switch
 - Undervoltage/ Shunt Trip
 - Rotary Handle
 - Busbar
 - MC-Series Mounting Adapter

General Specifications

Maximum Voltage	600V AC
Short Circuit Current Rating (SCCR)	up to 65kA@480VAC
Rated Frequency	50/60Hz
Max Operating Frequency	25 operations/hour
Operating Temperature	-20°C (-4°F) to +60°C (140°F)
Storage Temperature	-50°C (-58°F) to +80°C (176°F)
Degree of protection	IP20
Resistance to Shock	25g
Resistance to Vibration	5 - 150Hz

Terminal Size Acceptability and Torque

Wire Type	Conductors	MMS-32H	MMS-63H	MMS-100H
Solid	1	18-8 AWG	18-2AWG	12-2/0 AWG
	2	18-10AWG	18-4AWG	12-1/0 AWG
Stranded	1	18-10AWG	18-2AWG	12-2/0 AWG
	2	18-10AWG	18-4AWG	12-1/0 AWG
Flexible	1	18-10AWG	18-4AWG	12-2/0 AWG
	2	18-10AWG	18-6AWG	12-1/0 AWG
Torque		7-22 lb-in.	26-39 lb-in.	35-53 lb-in.

