

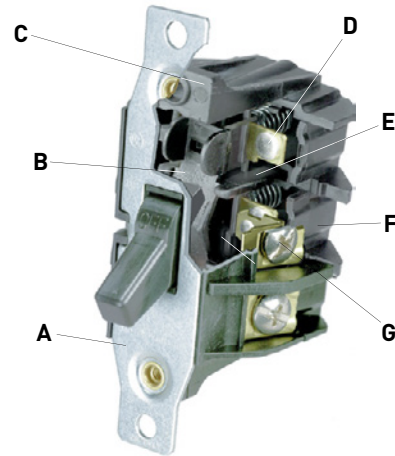
SWITCHES

Manual Controllers

7803MD

Manual Controller

- A. Heavy-duty, zinc-plated strap** resists corrosion; two rolled-brass rivets secure the strap to the housing to avoid field tampering.
- B. Two-point contact arm design** reduces overall unit size; provides more enclosure space.
- C. Thermoplastic housing** resists tracking; withstands impacts.
- D. Two oversized silver alloy contacts** withstand years of use; improve heat dissipation by distributing arc energy.
- E. One-piece contact carrier** constructed of glass-reinforced thermoplastic ensures long-lasting "make and break" performance.
- F. Exclusive, ready-to-wire external screw-pressure-plate back and side wire** capability for easy installation with solid or stranded wire.



- G. Oversized #10 terminal screws** increase contact with wire and increase torque limit. Angled screw heads for easier access.

NEMA Type Enclosures

NEMA Type 1 Enclosures – Intended for indoor use primarily to provide a degree of protection against limited amounts of falling dirt in locations where unusual service conditions do not exist.

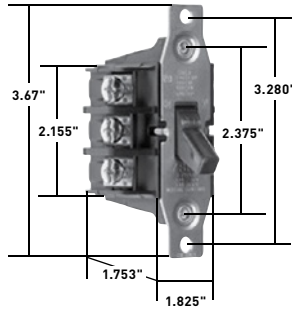
NEMA Type 7 Enclosures – Intended for indoor use in locations classified as Class 1, Group A, B, C, or D, as defined in the National Electrical Code. They shall be capable of withstanding the pressures resulting from an internal explosion of specified gases, and contain such an explosion sufficient that an explosive gas-air mixture existing in the atmosphere surrounding the enclosure will not be ignited. Enclosed heat generating devices shall not cause external surfaces to reach temperatures capable of igniting explosive gas-air mixtures in the surrounding atmosphere. Enclosures shall meet explosion, hydrostatic, and temperature design tests.

NEMA Type 3R Enclosures – Intended for outdoor use primarily to provide a degree of protection against rain and sleet; and to be undamaged by the formation of ice on the enclosure. They are not intended to provide protection against conditions such as internal condensation, or internal icing.

NEMA Type 9 Enclosures – Intended for indoor use in locations classified as Class II, Groups E, F, or G, as defined in the National Electrical Code. They shall be capable of preventing the entrance of dust. Enclosed heat generating devices shall not cause external surfaces to reach temperatures capable of igniting or discoloring dust on the enclosure or igniting dust-air mixtures in the surrounding atmosphere. Enclosures shall meet dust penetration and temperature design tests, and aging of gaskets (if used).

SWITCHES

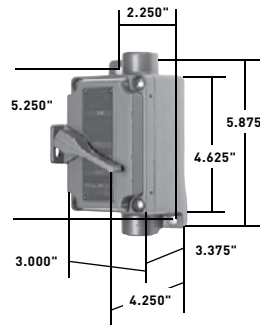
Manual Controllers 30A, 1Ø & 3Ø



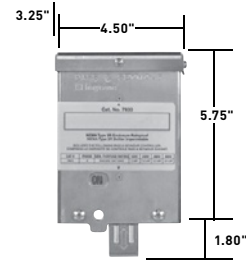
7802MD, 7803MD



7812PMD, 7813PMD



7812EX, 7813EX



7832MD, 7833MD

Features – 7802MD & 7803MD

- High horsepower rating of 20HP
- Compact design.
- Gull-wing shaped brass terminal pressure clamps.
- Constructed of glass-reinforced thermoplastic.
- Two-point contact arms.
- One-piece contact carrier.
- UL508 and cULus Listing of individual device and assembled device within enclosure.
- Heavy-duty zinc-plated steel strap.
- Two brass rivets secure strap to housing.
- External screw-pressure-plate back and side wire terminal screws unstaked for use with ring terminals.
- Oversized silver alloy contacts.
- 2-3/4" hubs (7812EX and 7813EX).
- 2-1/2" knockouts on back and 2-1/2"-3/4" knockouts on top and bottom (7812PMD, 7813PMD, 7806P).
- 2-1/2" knockouts on bottom and back (7832MD and 7833MD).
- Slotted opening on enclosures allows for lock-out, tag-out functionality.

CATALOG NUMBER	DESCRIPTION	RATING			
		A.	V.	HP	VAC
DOUBLE POLE, SINGLE PHASE					
7802MD	Double Pole, Single Phase AC Manual Motor Controller (No overload protection), See Footnote 1	General Use 30	600 max.	2 3 7.5 10	120 240 480 600
7812PMD	7802MD in a NEMA 1 Enclosure, See Footnote 1	Same as 7802MD			
7812EX	7802MD in a NEMA 7 and 9 Enclosure for Hazardous Locations Class I - Groups C, D; Class II - Groups E, F, G	Same as 7802MD			
7832MD	7802MD in a NEMA 3R Enclosure, See Footnote 1	Same as 7802MD			
THREE POLE, THREE PHASE					
7803MD	Three Pole, Three Phase AC Manual Motor Controller (No overload protection), See Footnote 1	General Use 30	600 max.	3 7.5 10 20	120 240 480 600
7813PMD	7803MD in a NEMA 1 Enclosure, See Footnote 1	Same as 7803MD			
7813EX	7803MD in a NEMA 7 and 9 Enclosure for Hazardous Locations Class I - Groups C, D; Class II - Groups E, F, G	Same as 7803MD			
7833MD	7803MD in a NEMA 3R Enclosure, See Footnote 1	Same as 7803MD			
7806P	NEMA 1 Black Nylon Enclosure with 1/2" and 3/4" knockouts at each end.				
7801P	Handle Locking Guard has opening for padlock to secure control in either ON or OFF position.				
7830	NEMA 3R Aluminum Enclosure.				

All Industrial Control Equipment is suitable for use in a circuit capable of deliverable not more than 5,000 rms amperes at 600VAC maximum or equivalent.

Footnote 1. Suitable as Motor Disconnect – 10KA @ 600VAC, 30A max. Class J Fuse.