

Electromechanical starters

Direct-on-line starters – Full voltage across the line.

Non reversing

CONFIGURATIONS FOR USA AND CANADA.

Order code for magnetic motor starters in non-metallic enclosure with 2 push buttons	T/O RELAY ADJ RANGE	MAX UL/CSA HP RATINGS INDICATED ON STARTER (based on t/o relay adj range)					
		Single phase		Three phase			
		120V	240V	200V	240V	480V	600V
M0P009 100 1	0.6 - 1	-	-	-	-	½	½
M0P009 100 1V5	0.9 - 1.5	-	-	-	-	¾	¾
M0P009 100 2V3	1.4 - 2.3	-	-	-	½	1	1
M0P009 100 33	2 - 3.3	-	¼	¾	1½	½	2
M0P009 100 5	3 - 5	-	½	1	1	3	3
M0P009 100 75	4.5 - 7.5	-	¾	1½	2	5	5
M0P009 100 10	6 - 10	½	1½	2	3	5	5
M0P012 100 15	9 - 15	½	1½	3	3	7½	10
M1P009 100 A4	0.63 - 1	-	-	-	-	-	½
M1P009 100 A5	1 - 1.6	-	-	-	-	½	¾
M1P009 100 A6	1.6 - 2.5	-	-	½	½	1	1½
M1P009 100 A7	2.5 - 4	-	-	¾	¾	2	3
M1P009 100 A8	4 - 6.5	¼	½	1	1½	3	5
M1P009 100 A9	6.3 - 10	½	1½	2	3	5	7½
M1P009 100 B0	9 - 14	¾	2	3	3	5	7½
M1P012 100 B0	9 - 14	1	2	5	5	7½	10
M1P018 100 B1	13 - 18	1	3	5	5	10	15
M2P025 100 B2	17 - 23	1½	3	5	7½	15	15
M2P025 100 B3	20 - 25	2	3	7½	7½	15	15
M2P026 100 B2	17 - 23	1½	3	5	7½	15	20
M2P026 100 B3	20 - 25	2	5	7½	7½	15	20
M2P026 100 B4	24 - 32	2	5	7½	7½	15	20
M2P032 100 B4	24 - 32	3	7½	10	10	20	25
M25P038 100 B5	32 - 38	3	7½	10	15	30	30
M3P050 100 B6UL	35 - 50	3	10	10	15	30	40
M3P065 100 B7UL	46 - 65	-	-	15	15	40	50
M3P080 100 B8	60 - 82	-	-	25	30	60	75
M3P095 100 B9	70 - 95	-	-	30	30	60	75



NOTE: The HP / FLA values vary from one motor to another; if possible, always verify the HP and FLA (or rated current) on the motor nameplate. Enclosure UL Type 1, 12, 4 and 4X industrial control environment for M1, M2, M25 and M3...UL versions; designation of control units can be:

N – without push buttons
R – with reset button only
P – per table, with start-stop push buttons
S – with start selector and stop push button.
Consult Customer Service for any other combination required (e.g. with other type of contactors, contactor assemblies or definite-purpose version, different overload version or range, additional pilot lights, extra electrical or electronic elements); see contact details on inside front cover. Refer to ① below for specified standard configurations.

- ① Complete the order code by indicating:
 - 10 if required without thermal overload relay
 - 12 if required with three-phase overload relay
 - 13 if required with single-phase overload relay
 - 15 if required with automatic reset of overload relay for M0 types
 - 17 if required with disconnect switch for M2 and M3 types
 - 42 if required with reversing contactor combination for M2 and M3 types.

- ② Complete the order code by indicating coil voltage required:
 - 02460 for 24V 60Hz
 - 04860 for 48V 60Hz / 42V 50Hz
 - 12060 for 120V 60Hz / 110V 50Hz
 - 22060 for 220V 60Hz / 200V 50/60Hz
 - 23060 for 230V 60Hz / 220V 50Hz
 - 46060 for 460V 60Hz / 400V 50Hz
 - 57560 for 575V 60Hz.

- ③ Maximum HP ratings per UL and CSA can be different when definite-purpose contactors are considered. Consult with Customer Service for further information; see contact details on inside front cover.

- ④ Short circuit protective device – This enclosed starter is suitable for use on a circuit capable of delivering not more than 5,000 rms

symmetrical amperes, 600V max, when protected with Class RK5 type, Fuse size 200A.

- ⑤ Maximum UL ratings is 52A for motor control and 65A for general use.

Short circuit protective device – This enclosed starter is suitable for use on a circuit capable of delivering not more than 10,000 rms symmetrical amperes, 600V max, when protected with Class RK5 type, Fuse size 225A.

- ⑥ No CSA or UL certification. Indicated values correspond to UL/CSA magnetic contactor ratings and for indication and reference purposes only.

- ⑦ UL/CSA data for M25 types not available at the time of catalogue printing so for indication and reference purposes only.

Certifications obtained:

- CSA certified for Canada and USA (cCSAus - File 94157) as Magnetic Motor Controllers at max 600VAC, max 15HP per single phase, max 60HP three phase, max 125A with general purpose enclosure.
- UL Listed for USA and Canada (cULus - File E93602) as Magnetic Motor Controllers – Enclosed.

Markings:

Line (voltage and frequency value)

Amps (overload adjustment range)

Max HP (horsepower value)

Control (coil and frequency value)

Caution: Bonding between conduits must be provided.