

MOTOR CONTROL FOR SPECIFIC APPLICATIONS

A-c 3 Phase Full Voltage Pumping Plant Control

WHEN ORDERING SPECIFY • Catalog number • Heater coil catalog number, see page 282.

WITH "START, STOP-RESET" BUTTONS

Maximum Horsepower 60 Cycles	NEMA Size	Fusible Motor Circuit Switch Type				Circuit Breaker Type		
		Fuse Clip Rating		Weatherproof NEMA 3 Enclosure		Type of Breaker Frame	Weatherproof NEMA 3 Enclosure	
		Amps.	Volts	Cat. No.	Price		Cat. No.	Price
220 V.	440 V.							
2 COIL OVERLOAD RELAY								
3(7½)	...	30	250	9589- P121	\$104.	E-20A	9591- P1212	\$108.
5	...	60	250	P122	106.	E-40A	P1214	108.
7½	...	60	250	P122	106.	E-50A	P1215	108.
...	7½(10)	30	600	P141	106.	EH-30A	P1423	135.
...	10	60	600	P142	108.	EH-40A	P1424	135.
7½(15)	...	60	250	P222	172.	E-50A	P2215	163.
15	...	100	250	P223	172.	E-90A	P2217	163.
...	15(25)	60	600	P242	164.	EH-50A	P2425	190.
...	25	100	600	P243	173.	EH-70A	P2426	190.
30	...	200	250	P324	284.	E-100A	P3218	273.
...	30(50)	100	600	P343	268.	EH-100A	P3428	273.
...	50	200	600	P344	287.	EH-100A	P3428	273.
40	...	200	250	P424	485.	JA-150A	P4232	570.
50	...	400	250	P425	530.	JA-200A	P4234	570.
...	75(100)	200	600	P444	488.	JA-175A	P4433	570.
...	100	400	600	P445	535.	JA-200A	P4434	570.
75	...	400	250	P525	1105.	LA-300A	P5242	1215.
100	...	600	250	P526	1129.	LA-400A	P5243	1215.
...	150(200)	400	600	P545	1035.	LA-300A	P5442	1270.
...	200	600	600	P546	1170.	LA-400A	P5443	1270.

3 COIL OVERLOAD RELAY

Factory Assembled 3 coil starters, add suffix "T" to catalog number and through size 4, add \$4., for size 5 add \$40.

Field conversion from 2 coil to 3 coil through size 4, use spindle kit 10176H150—\$2.50 and heater coil—\$1.50.

- ① For normal starting duty only. For long time acceleration, JA frame breakers are provided at \$105. extra.
 ② Cat. No. 9589 dual element fuse ratings shown in parentheses.
 ③ Standard enclosure is aluminum finished, ventilated, and without door gasket. For gray finish, non-ventilated or gasketed enclosure, see optional features or specify desired enclosure features on order.

APPROXIMATE DIMENSIONS AND SHIPPING WEIGHTS

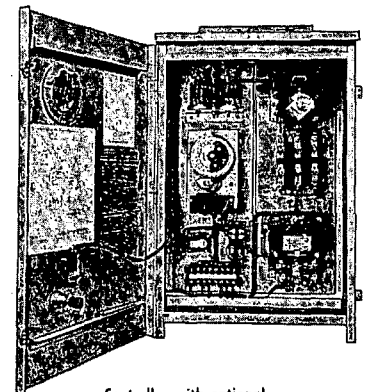
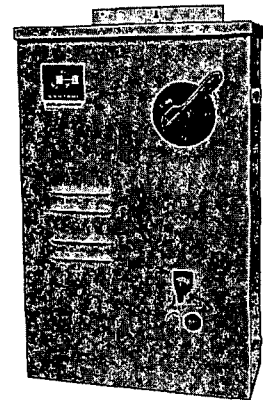
NEMA Size	Dimensions in Inches					Ship. Wt. Lbs.
	Wide A	High B	Deep C	Mounting		
				D	E	
1	19	31½	9½	10	30½	70
2	19	31½	9½	10	30½	80
3	21	41½	10¾	10	40½	125
4	24½	48	12	32	42	185
5	26½	60	12	32	56	280

OPTIONAL FEATURES—Add dash(—) to above Cat. Nos. and follow with code number of features selected.

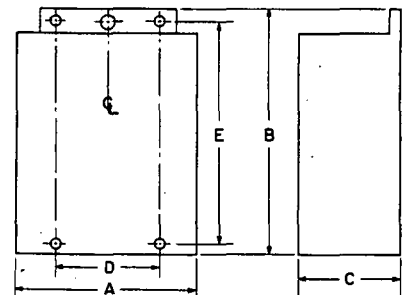
Code No.	Description	Price Addition
1	Substitute "Run-Off-Auto" selector switch for "Start-Stop"	No Charge
2	Add phase reversal relay	\$118.
3	Add time delay relay timed after Stop—3 min. max.	84.
4	Add time delay relay timed before Start—3 min. max.	84.
6	Substitute gray finished, non-ventilated, gasketed enclosure for standard enclosure	No Charge
7	Add single cycle lockout relay for inherent protected motors	30.
8	Add "Run-Off-Auto" Switch—Start button to operate in "Run" position	No Charge
9	Add 3 single phase lightning arrestors	40.
...	Open type Water Flood Panel with programming timer, 3 single phase lightning arrestors and terminal board—Catalog Number 9589P80	90.
...	Above Water Flood Panel with time delay under voltage release—Catalog Number 9589P81	110.

SELECTOR SWITCH CONVERSION KIT

Size	Cat. No.	Description	Price
1	P1001-S	Kit for field conversion—"Start-Stop" to "Run-Off-Auto"	\$11.40
2	P2001-S		11.40
3	P3001-S		11.40



Controller with optional
P61 panel installed.



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SYNCHRONOUS & MEDIUM
VOLTAGE MOTOR CONTROL

MOTOR CONTROL
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DC MOTOR CONTROL

MOTOR CONTROL
FOR
SPECIFIC APPLICATIONS

MOTOR & WIRE
RATING DATA

HEATER COILS
FOR
OVERLOAD RELAYS