



MOTOR CONTROL FOR SPECIFIC APPLICATIONS

A-c Full Voltage Magnetic 3 Phase-Duplex Pump Controllers

WITH CIRCUIT BREAKER—For remote control.

Maximum Horsepower 60-50-25 Cycles			NEMA Size	② Type of Circuit Breaker	Without Alternator						With Alternator					
					NEMA 1		NEMA 3-4		NEMA 5-12		NEMA 1		NEMA 3-4		NEMA 5-12	
					Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price
2 COIL OVERLOAD RELAY - RESET ONLY																
3	---	---	0	E	9591- W35	\$202.	9591- W36	\$394.	9591- W37	\$250.	9591- W62	\$257.	9591- W63	\$449.	9591- W64	\$305.
3	5	5	0	F	W38	260.	W39	452.	W40	308.	W65	315.	W66	507.	W67	363.
7½	---	---	1	E	W41	212.	W42	404.	W43	260.	W68	267.	W69	459.	W70	315.
7½	10	10	1	F	W44	270.	W45	462.	W46	318.	W71	325.	W72	517.	W73	373.
15	---	---	2	E	W47	322.	W48	618.	W49	390.	W74	377.	W75	673.	W76	445.
15	25	25	2	F	W50	380.	W51	676.	W52	448.	W77	435.	W78	731.	W79	503.
30	50	50	3	F	W53	550.	W54	1066.	W55	638.	W80	605.	W81	1121.	W82	693.
---	60	75	4	F	W56	1200.	W57	1860.	W58	1444.	W83	1255.	W84	1915.	W85	1499.
50	100	100	4	JA	W59	1200.	W60	1860.	W61	1444.	W86	1255.	W87	1915.	W88	1499.

3 COIL OVERLOAD RELAY - RESET ONLY

Factory Assembled 3 coil starter, add suffix "T" to catalog number and add \$8. (\$4. per starter.)

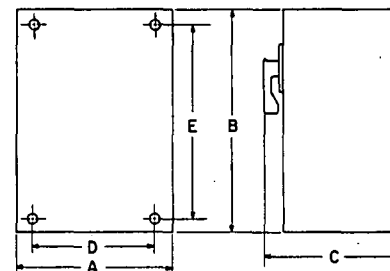
Field Conversion from 2 coil to 3 coil, use spindle kit 10176H150—\$2.50 and heater coil—\$1.50. (2 each required for duplex starter.)

② E Frames breakers are non-adjustable. F frames and larger have adjustable trip.

APPROXIMATE DIMENSIONS AND SHIPPING WEIGHTS

—For Motor Circuit Switch Combination Type Duplex Pump Controllers only.

NEMA Size	Dimensions in Inches					Ship. Wt. Lbs.
	Wide A	High B	Deep C	Mounting		
				D	E	
NEMA 1 ENCLOSED						
0-1	16%	28	9%	14	25	80
2	20%	37%	10½	14	34%	150



OPTIONAL FEATURES③ FOR DUPLEX PUMP CONTROLLERS—Additional Optional Features, See Page 115.

Description	Enclosure Type	NEMA Size			
		0-1	2	3	4
1. Local Cover Control— "Start-Stop" pushbutton, ④ "On-Auto," or "Run-Off-Auto" Selector Switch	Open or NEMA 1 NEMA 4, 5 or 12	\$16. 44.	\$16. 44.	\$16. 44.	\$16. 44.
2. Control Transformer (50 and 60 Cycles), Single or dual voltage primary	Any	54.	76.	112.	136.
3. Four Pole Double Throw Transfer Switch for Manual Alternation (for use on controllers without automatic alternator, only one required)	NEMA 1 NEMA 1 NEMA 4, 5 or 12	32. 16. 44.	32. 16. 44.	32. 16. 44.	32. 16. 44.
4. Test Pushbutton					
5. Pressure Switch, Bulletin 10007H15, ¼" Female Pipe Tap (Supplied separately when alternator is used. Also supplied separately on 9586 with control transformer)	Any	48.	48.	48.	48.
6. Modified Controller For Operation with Single Pole Pilot Devices	Any	50.	50.	50.	50.
7. Floor Mounting Stand (One required)	Any	33.	33.	33.	33.
8. Pilot lights in cover	NEMA 1 NEMA 3-4, 5-12	30. 54.	30. 54.	30. 54.	30. 54.

③ Prices shown include two each of the accessories listed, one for each motor, mounted and wired except where noted.

④ "Start-Stop," pushbuttons are not for use on controllers with automatic alternator.

DISCOUNT SCHEDULE 1 CD

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SYNCHRONOUS & MEDIUM
VOLTAGE MOTOR CONTROL

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