



Factory Modifications

Ordering Information

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- ▶ Catalog No Change indicates a character change to the number or letter shown. Example: 84CP92BD† becomes 84CP94BD†

Pilot Devices

2
NEMA and HP
Rated Control

Description	Modification	Product Class	Enclosure Type	Catalog No Suffix	Controller Size—Price Addition \$									
					00-1¼	2, 2½	3, 3½	4	4½, 5	6	7	8		
Push Buttons	Start, Stop	14, 17, 18, 40 36, 37	1, Open	A1	77.	77.	77.	77.	77.	77.	77.	77.		
			4, 4X, 7 & 9, 12	A1	169.	169.	169.	169.	169.	169.	169.	169.		
	Start, Stop (2 Push Buttons)	83, 84	1	A1	154.	154.	154.	154.	—	—	—	—		
			3, 4, 12	A1	338.	338.	338.	338.	—	—	—	—		
	Forward, Reverse, Stop High, Low, Stop	22, 25, 26, 43 30, 32	All	A2	308.	308.	308.	308.	308.	308.	308.	308.	308.	
			All											
Test Push Buttons	83, 84	1	K1	123.	123.	123.	123.	—	—	—	—			
		3, 4, 12	K1	169.	169.	169.	169.	—	—	—	—			
Selector Switches	Hand-Off-Auto	14, 17, 18, 40 36, 37	1, Open	A3	77.	77.	77.	77.	77.	77.	77.	77.		
			4, 4X, 7 & 9, 12	A3	169.	169.	169.	169.	169.	169.	169.	169.		
		All												
	Off-On	83, 84	14, 17, 18, 40 22, 25, 26, 43 30, 32, 36, 37	1	A3	154.	154.	154.	154.	—	—	—	—	
				3, 4, 12	A3	338.	338.	338.	338.	—	—	—	—	
		1, Open	14, 17, 18, 40 22, 25, 26, 43 30, 32, 36, 37	All	A4	77.	77.	77.	77.	77.	77.	77.	77.	
				All	A4	169.	169.	169.	169.	169.	169.	169.	169.	
		1	83, 84	14, 17, 18, 40 22, 25, 26, 43 30, 32, 36, 37	3, 4, 12	A4	154.	154.	154.	154.	—	—	—	—
					3, 4, 12	A4	338.	338.	338.	338.	—	—	—	—
	Forward-Off-Reverse	22, 25, 26, 43	All	A5	169.	169.	169.	169.	169.	169.	169.	169.		
	High-Off-Low	30, 32	All											
	Hand-Off-Auto (Keyed)	36, 37	All	A9	169.	169.	169.	169.	169.	169.	169.	169.		
Auto-Off	83, 84	1	A6	154.	154.	154.	154.	—	—	—	—			
		3, 4, 12	A6	338.	338.	338.	338.	—	—	—	—			

Pilot Lights

Voltage will match coil voltage of controller		Price Addition, All Controller Sizes \$											
		Transformer Type									Push-to-Test Transformer Type		
Product Class	Enclosure	Color →	Red	Red	Green	Red	Green	Red	Green	Amber	Red	Green	Green
		Legend→	On	—	On	Run	Run	Off	Off	O/L Trip	On	On	Off
		Suffix →	FA	FE	FB	FC	FD	FJ	FK	FL	FS	FT	FU
14, 40 (neon lamp) [Ⓢ] Size 00-3½ Size 00-1¾ w/ CPT	1		—	116.	—	—	—	—	—	—	—	—	—
14, 40, 17, 18, 36, 37	1, 3, 4, 4X, 12 7 & 9		181.	—	181.	181.	181.	266.	266.	266.	231.	231.	316.
			208.	—	208.	208.	208.	293.	293.	266.	—	—	—
22, 25, 26, 30, 32 2 lights, 1 per starter	1, 3, 4, 4X, 12 7 & 9		362.	—	362.	362.	362.	532.	532.	266.	462.	462.	462.
			416.	—	416.	416.	416.	586.	586.	266.	—	—	—
83, 84 2 lights, 1 per starter	1, 3, 4, 12		416.	—	416.	—	—	—	—	—	—	—	—
			208.	—	208.	208.	208.	293.	293.	266.	—	—	—
87, 88	3R		208.	—	208.	208.	208.	293.	293.	266.	—	—	—

Ⓢ Full voltage type, 24V units use incandescent bulb.



Factory Modifications

Ordering Information	Transformer Table		
<ul style="list-style-type: none"> ▶ Replace (*) with letter from Transformer Table. ▶ Multiple Modification Suffixes are added in numerical, alphabetical sequence. ▶ Auxiliary Contact Configuration see page 133. 	Primary Volts	Secondary Volts	Letter
	120	24	B
	208	24	S
	208	120	T
	240	24	J
	240	120	F
	277	24	N
	277	120	P
	480/240	24	D
	480/240	120	A
600	24	E	
600	120	C	

Factory Assembled Fuse Clips—Class 17, 25, 32, 83, 84

Fuse Clip Amps	Volts	Rejection Clip Number [®]	Price Addition \$ (Class 17, 25, 32)	Price Addition \$ (Class 83, 84—2 Supplied Per Controller)
30	250	10	23.	46.
30	600	11	39.	78.
60	250	12	39.	78.
60	600	13	54.	108.
100	250	14	123.	246.
100	600	15	123.	246.
200	250	16	277.	554.
200	600	17	277.	554.
400	250	18	570.	—
400	600	19	570.	—
600	250	20	817.	—
600	600	21	817.	—
800	600	23	1839.	—
1600	600	25	4597.	—

Control Power Transformers

Description	Catalog No Suffix	Product Class	Enclosure Type	Controller Size—Price Addition \$							
				00–1¼	2, 2½	3	3½, 4	4½, 5	6	7	8
Standard Capacity [®] with 1-Secondary Fuse	B*	14, 17, 18, 22, 25, 26 30, 32, 42, 43, 87	1, 3, 4, 12	208.	208.	—	—	—	—	—	—
			7 & 9	239.	239.	—	—	—	—	—	—
		36, 37, 88	All	370.	370.	—	—	—	—	—	—
		83, 84	All	416.	416.	—	—	—	—	—	—
Standard Capacity with 2-Primary and 1-Secondary Fuse	D*	14, 17, 18, 22, 25, 26 30, 32, 40, 43, 87	1, 3, 4, 12	377.	377.	601.	693.	763.	—	—	—
			7 & 9	408.	408.	635.	732.	886.	994.	—	—
		36, 37, 88	All	539.	539.	770.	847.	924.	—	—	—
		83, 84	All	755.	755.	1202.	1387.	—	—	—	—
100VA Extra Capacity with 2-Primary and 1-Secondary Fuse	C*	14, 17, 18, 22, 25, 26 30, 32, 40, 43, 87	1, 3, 4, 12	539.	539.	770.	847.	924.	924.	924.	924.
			7 & 9	570.	570.	901.	1040.	1156.	1156.	1156.	1156.
		36, 37, 88	All	701.	701.	913.	1009.	1086.	—	—	—
		83, 84	All	1079.	1079.	1541.	1695.	—	—	—	—
150VA Extra Capacity with 2-Primary and 1-Secondary Fuse	C*1	14, 17, 18, 22, 25, 26 30, 32, 40, 43, 87	1, 3, 4, 12	670.	670.	917.	994.	994.	994.	994.	994.
		36, 37, 88	All	832.	832.	1086.	1148.	1233.	—	—	—
		83, 84	All	1340.	1340.	1834.	1988.	—	—	—	—

Note: Factory will furnish the same voltage coils as transformer secondary voltage. Extra capacity transformers may require larger enclosures, contact factory for dimensions. Size 6 starters standard with 100VA transformer for DC rectifier circuit.

[®]Add rejection clip number to end of base style catalog number. The newly formed catalog number is considered a base style for order entry purposes.

①The standard control transformer supplied for Starter Sizes 0 through 2½ will be rated 45VA and have the appropriate secondary fuse. Primary fuses will not be supplied as standard. For primary fuse option select appropriate suffix from table. According to NEC 430-72, 450-3, and UL 508, section 32, primary fuses are not required for control transformers rated less than 50VA which are inherently protected.

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Auxiliary Contacts—Starter or Contactor®

Class	NO	NC	Catalog No Suffix	Controller Size—Price Addition \$							
				00-1½	2, 2½	3, 3½	4	4½, 5	6	7	8
14, 17, 18, 40, 87, 88	—	1	G01	85.	85.	85.	85.	—	—	—	—
	—	2	G02	170.	170.	170.	170.	—	—	—	—
	—	3	G03	255.	255.	255.	255.	—	—	—	—
	—	4	G04	340.	—	—	—	—	—	—	—
	1	—	G10	85.	85.	85.	85.	—	—	—	—
	1	1	G11	170.	170.	170.	170.	170.	170.	170.	170.
	1	2	G12	255.	255.	255.	255.	—	—	—	—
	1	3	G13	340.	—	—	—	—	—	—	—
	2	—	G20	170.	170.	170.	170.	—	—	—	—
	2	1	G21	255.	255.	255.	255.	—	—	—	—
	2	2	G22	340.	—	—	—	340.	340.	340.	340.
	3	—	G30	255.	255.	255.	255.	—	—	—	—
	3	1	G31	340.	—	—	—	—	—	—	—
	3	3	G33	—	—	—	—	—	510.	510.	510.
	4	—	G40	340.	—	—	—	—	—	—	—
	4	4	G44	—	—	—	—	—	—	—	680.
22, 25, 26, 43	—	1 (per contactor)	G02	170.	170.	170.	170.	—	—	—	—
	—	2 (per contactor)	G04	340.	340.	340.	340.	—	—	—	—
	—	3 (per contactor)	G06	510.	—	—	—	—	—	—	—
	1 (per contactor)	—	G20	170.	170.	170.	170.	—	—	—	—
	1 (per contactor)	1 (per contactor)	G22	340.	340.	340.	340.	340.	340.	340.	340.
	1 (per contactor)	2 (per contactor)	G20 & G04	510.	—	—	—	—	—	—	—
	2 (per contactor)	—	G40	340.	—	—	—	—	—	—	—
	2 (per contactor)	1 (per contactor)	G40 & G02	510.	—	—	—	—	—	—	—
	2 (per contactor)	2 (per contactor)	G40 & G04	—	—	—	—	—	680.	680.	680.
	3 (per contactor)	—	G60	510.	—	—	—	—	—	—	—
3 (per contactor)	3 (per contactor)	G60 & G06	—	—	—	—	—	1020.	1020.	1020.	
30, 32 1-Winding Size 0-1½	—	1 (right contactor only)	G01	85.	—	—	—	—	—	—	—
	—	2 (right contactor only)	G02	170.	—	—	—	—	—	—	—
	—	3 (right contactor only)	G03	255.	—	—	—	—	—	—	—
	1 (right contactor only)	—	G10	85.	—	—	—	—	—	—	—
	1 (right contactor only)	1 (right contactor only)	G11	170.	—	—	—	—	—	—	—
	1 (right contactor only)	2 (right contactor only)	G12	255.	—	—	—	—	—	—	—
	2 (right contactor only)	—	G20	170.	—	—	—	—	—	—	—
	2 (right contactor only)	1 (right contactor only)	G21	255.	—	—	—	—	—	—	—
3 (right contactor only)	—	G30	255.	—	—	—	—	—	—	—	
30, 32 1-Winding Size 2-4 2-Winding Size 0-4	—	1 (per contactor)	G02	170.	170.	170.	170.	—	—	—	—
	—	2 (per contactor)	G04	340.	340.	340.	340.	—	—	—	—
	—	3 (per contactor)	G06	510.	—	—	—	—	—	—	—
	1 (per contactor)	—	G20	170.	170.	170.	170.	—	—	—	—
	1 (per contactor)	1 (per contactor)	G22	340.	340.	340.	340.	—	—	—	—
	1 (per contactor)	2 (per contactor)	G04 & G20	510.	—	—	—	—	—	—	—
	2 (per contactor)	—	G40	340.	340.	340.	340.	—	—	—	—
	2 (per contactor)	1 (per contactor)	G02 & G40	510.	—	—	—	—	—	—	—
	3 (per contactor)	—	G60	510.	—	—	—	—	—	—	—

®For Class 36, 37, 83 & 84 Auxiliary Contacts, contact Siemens sales office. For auxiliary contact configuration see page 133.

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Overload Options

Overload Relay Classes 14, 17, 18, 22, 25, 26, 36, 37								
Description	Trip Class	Phase	Contacts	Catalog No Suffix	Controller Size—Price Addition \$			
					00–1¼	2, 2½	3, 3½	4
Ambient Compensated Bimetal	Class 10 or 20 (K or E heaters)	3 Phase	NC NO & NC, SPDT	81 91	NC 46.	NC 46.	NC —	NC —
		1 Phase	NC	81	NC	NC	—	—
Bimetal Overload Locked in Position^① Variable Trip Locked in 100% Position Reset Locked in Manual Position Variable Trip and Reset Locked				S1 S2 S	Add \$4 to Price Add \$4 to Price Add \$8 to Price			
ESP100 Trip Class Option	Class 10 Class 30	3 Phase	NC NC	51 53	NC NC	NC NC	NC NC	NC NC
Description	Phase	Available Overload Amp Ranges		Letter Designation (5th Char)	Catalog No Suffix	Controller Size—Price Addition \$		
ESP100 Single Phase (17, 18, 25, 26)	1 Phase	0.25–1.0 0.75–3.0 2.5–10 5–16		A B D E	SP1-120V SP2-240V	NC		

Overload Relay Classes 30, 32

Overload Relay Classes 30, 32								
Description	Trip Class	Phase	Contacts	Catalog No Suffix	Controller Size—Price Addition \$			
					00–1¼	2, 2½	3, 3½	4
Ambient Compensated Bimetal	Class 10 or 20	3 Phase	NC NO & NC, SPDT	81 91	NC 92.	NC 92.	NC —	NC —
		1 Phase	NC	81	NC	NC	—	—
Bimetal Overload Locked in Position^① Variable Trip Locked in 100% Position Reset Locked in Manual Position Variable Trip and Reset Locked				S1 S2 S	Add \$4 to Price Add \$4 to Price Add \$8 to Price			

Coil Options^②

Volts 60 HZ	Volts 50 HZ	Label Color Code	Coil Letter Change	Class	Enclosure Type	Controller Size—Price Addition \$							
						00–1¼	2, 2½	3, 3½	4	4½, 5 ^③	6 ^③	7 ^③	8 ^③
24 Separate Control 120 Separate Control 110–120/220–240 200–208 220–240 277 220–240/440–480 440–480 575–600	24 110 110/190–220 — 190–220 240 190–220/380–440 380–440 550	Black Black Blue Black Black Black Red Black Black	J F A D G L C H E	All	All	NC	NC	NC	NC	NC	NC	NC	NC
DC Coil	12V 24V 32V 48V 125V 250V	Black Black Black Black Black Black	R S T U V W	All	All	131.	131.	254.	339.	424.	—	—	—
DC Coil and AC DC Rectifier	120V AC 240V AC	Black Black	VY WY	All Innova	All	293. 377.	293. 377.	308. 393.	308. 501.	586. 670.	—	—	—

①Minimum order and release, 50 units.

②For voltages and frequencies not listed, contact sales office.

③Dual voltage coils not available.

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Enclosure Options—Class 14, 22, 30, 32, 40, 43

NEMA 4X Fiberglass	Class	Catalog No Change	Controller Size—Price Addition \$				
			00, 0	1, 1½	2, 2½	3, 3½	4
Non-Combination [®]	14, 22, 40, 43	7th Char to F (8th Char for ESP100)	293.	293.	632.	1002.	1367.
Non-Combination [®]	30	7th Char to F (9th Char for ESP100)	241.	247.	270.	482.	1116.
Combination Circuit Breaker	32	7th Char to F (9th Char for ESP100)	289.	311.	324.	998.	1970.
Combination Fused Disconnect Switch	32	7th Char to F (9th Char for ESP100)	485.	497.	719.	1097.	2107.
Combination Non-Fused Disconnect Switch	32	7th Char to F (9th Char for ESP100)	435.	449.	629.	971.	1867.

Enclosure Options—Class 36, 37[®]

Enclosure Type	Change 8th Character (9th for ESP100) of Catalog No to	Size	Price Addition \$		
			Auto Transformer	Part Winding	Wye Delta
NEMA 1A Gasketed Door	S	0-5	308.	308.	308.
		6	770.	770.	770.
		7	770.	770.	770.
		8	770.	770.	770.
NEMA 4 Watertight Enclosure (Painted)	E	0-1¼	924.	924.	924.
		2, 2½	1040.	1040.	1040.
		3	1502.	1502.	1502.
		3½, 4	2365.	2365.	2365.
		4½, 5	4391.	4391.	4391.
		6	5778.	5778.	5778.
		7	5778.	5778.	5778.
8	5778.	5778.	5778.		
NEMA 4 Watertight Enclosure 304 Stainless Steel Size 0-5 only	W	0-1¼	924.	924.	924.
		2, 2½	1040.	1040.	1040.
		3	1502.	1502.	1502.
		3½, 4	2365.	2365.	2365.
		4½, 5	4391.	4391.	4391.
NEMA 7 & 9	Contact Factory				
NEMA 12 Enclosure [®]	N	0-1¼	770.	770.	770.
		2, 2½	963.	963.	963.
		3	1156.	1156.	1156.
		3½, 4	1541.	1541.	1541.
		4½, 5	2080.	2080.	2080.
		6	2889.	2889.	2889.
		7	2889.	2889.	2889.
		8	2889.	2889.	2889.
Open Type Starter (Deduct price shown from NEMA 1 price)	A	0-1¼	77.	46.	77.
		2, 2½	185.	123.	185.
		3	586.	216.	586.
		3½, 4	847.	401.	847.

Enclosure Options—Class 83, 84 & all 7 & 9

Description	Enclosure	Class	Catalog No Suffix	Controller Size/Price \$				
				00	0-1¼	2, 2½	3, 3½	4
Deadfront with padlockable door		83, 84	Y100	—	693.	693.	—	—
Stainless steel enclosure (price increase to NEMA 4 painted) Change 7th character from E to W Change 8th character ESP100 from E to W		83, 84	—	—	1348.	1348.	1669.	1669.
Breather & Drain—½" NPT	(7 & 9, 3, 4)	All	EB	123.	123.	123.	123.	123.

Extra Wide Options

	Class	Suffix	Enclosure Type	Controller Size—Price Addition \$		
				00-1¼	2-2½	3
Starter in Extra Wide Enclosure (For field addition of transformer or other accessories)	14	E1	NEMA 1	54.	108.	154.
			NEMA 3, 12	154.	262.	724.
			NEMA 4	385.	531.	832.

[®]Price addition to open style pricing.

[®]Enclosure modification example: 36CSEP6BD becomes 36CSEP6ED, a part winding starter in a NEMA 4 enclosure.

[®]NEMA 12 may be field modified for NEMA 3/3R page 125 except sizes 6-8. Price is same for either type.



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Control Options

Description	Class	Enclosure Type	Catalog No Suffix	Controller Size—Price Addition \$								
				00-1¼	2, 2½	3, 3½	4	4½, 5	6	7	8	
Surge Suppression for 120V AC Coil	All	All	SS	69.	69.	69.	—	—	—	—	—	—
Surge Capacitor	87, 88		SC	370.	370.	370.	370.	370.	370.	370.	—	—
Disconnect Switch Interlock 2 NO/2 NC DPDT	17, 25, 32, 36, 37	1, 3, 4, 12,	GY	113.	113.	113.	113.	223.	223.	223.	223.	223.
Motor Circuit Protector Interlock NO/NC SPDT	18, 26, 32, 36, 37	1, 3, 4, 12, 7, 9	GY	223.	223.	223.	223.	223.	223.	223.	223.	223.
Lightning Arrestor	All	All	L	308.	308.	308.	308.	308.	308.	308.	308.	308.
Circuit Breaker Shunt Trip	All	All	L6	635.	635.	635.	635.	635.	635.	635.	635.	635.
Circuit Breaker Undervoltage Trip	All	All	L7	635.	635.	635.	635.	635.	635.	635.	635.	635.
Circuit Breaker Alarm Switch Trip	All	All	L8	635.	635.	635.	635.	635.	635.	635.	635.	635.
1 Phase Combination Starter 120V	17, 18	All	SP1	NC	NC	NC	—	—	—	—	—	—
1 Phase Combination Starter 240V	17, 18	All	SP2	NC	NC	NC	—	—	—	—	—	—
Ground Lug – 1 Conductor	All	All	L10	15.	15.	15.	15.	15.	15.	15.	15.	15.
Blown Fuse Indicator Lights	All	All	L11	385.	385.	385.	385.	385.	385.	385.	385.	385.
Control Circuit Fuse and Holder (Transformer Primary Fusing)	1 Fuse	1, 3, 4, 12, 7 & 9	F1	169.	169.	169.	169.	169.	—	—	—	—
	2 Fuses		F2	169.	169.	169.	169.	169.	—	—	—	—
Control Circuit Circuit Breaker Internally Operated	All	1, 3, 4, 12	F4	670.	670.	670.	670.	670.	670.	670.	670.	670.
Control Circuit Wired for Separate Control Voltage	All	All	A	NC	NC	NC	—	—	—	—	—	—
Convenience Receptacle Mounted on Side of Enclosure	All	1, 12	RE	154.	154.	154.	154.	154.	154.	154.	154.	154.
Drip Hood	All	1	DP	139.	169.	508.	508.	678.	924.	924.	924.	924.
Space Heater	All	1, 3, 4, 12, 7 & 9	SH	539.	539.	539.	539.	539.	539.	539.	539.	539.
Space Heater with Thermostat	All	1, 3, 4, 12, 7 & 9	ST	578.	578.	578.	578.	578.	578.	578.	578.	578.
Pressure Switch for jockey pump applications (bourdon tube)	87		P9	344.	344.	344.	344.	344.	344.	344.	344.	344.

Description	Class	Catalog No Suffix	Controller Size—Price Addition \$								
			0	1	1¼	2	2½	3	3½	4	4½, 5
Reversing in one speed only 2 speed 1 winding	30, 32	X439U	924.	994.	1126.	1325.	1637.	1925.	2210.	2600.	—
Reversing in one speed only 2 speed 2 winding		X440U	894.	960.	1148.	1351.	1690.	1988.	2280.	2684.	—
Reversing in both speeds 2 speed 1 winding		X441U	1248.	1356.	1821.	2142.	2711.	3189.	4204.	4946.	—
Reversing in both speeds 2 speed 2 winding		X442U	1387.	1495.	2124.	2499.	3052.	3590.	4165.	4900.	—

2
NEMA and HP
Rated Control



Factory Modifications

2
NEMA and HP
Rated Control

Ordering Information	
▶	Catalog Number Suffixes indicate numbers or letters added to the end of a catalog number. Example: 14DP32BA81 becomes 14DP32BA81A1.
▶	Multiple Modification Suffixes are added in numerical, alphabetical sequence.

Control Relays

Description	Catalog No Suffix	Class	Enclosure Type	Controller Size—Price Addition \$								
				00-1 1/4	2, 2 1/2	3, 3 1/2	4	4 1/2, 5	6	7	8	
Under & Over Voltage, Phase Loss & Reversal Relay (380V-600V)	R1	All	1, 3, 4, 7 & 9, 12	1356.	1356.	1356.	1356.	1356.	1356.	1356.	1356.	1356.
Under & Over Voltage, Phase Loss & Reversal Relay (200V-240V)	R2			1356.	1356.	1356.	1356.	1356.	1356.	1356.	1356.	1356.
Control Relay [Ⓞ] 4 Poles Max	4 NO	All	1, 12	393.	393.	393.	616.	709.	709.	709.	709.	
	2 NO/2 NC			R22	601.	601.	601.	816.	909.	909.	909.	
	4 NC			R04	601.	601.	601.	816.	909.	909.	909.	
Electronic On Delay Relay (.15s-100h) 24V/120V [Ⓞ]	T1	All	1, 12	697.	697.	697.	697.	697.	697.	697.	697.	
Electronic On Delay Relay (.15s-100h) 24V/240V [Ⓞ]	T2			697.	697.	697.	697.	697.	697.	697.		
Electronic Off Delay Relay (.15s-100s) 120V [Ⓞ]	T3			4, 7, 9	847.	847.	847.	847.	847.	847.	847.	
Electronic Off Delay Relay (.15s-100s) 240V [Ⓞ]	T4				847.	847.	847.	847.	847.	847.	847.	
Alarm Package Includes horn, light, relay & push button	M7	All	1, 3, 4, 12	1156.	1156.	1156.	1156.	1156.	1156.	1156.	1156.	
Compelling Relay	A6	30, 32	1, 4, 12	508.	508.	508.	508.	508.	508.	508.	508.	
Acceleration Control	A7	30, 32	1, 4, 12	1186.	1186.	1186.	1186.	1186.	1186.	1186.	1186.	
Deceleration Control	A8											
Reversing on Reduced Voltage Starter	RV	36, 37	1, 4, 12	1109.	3034.	6949.	6949.	8305.	—	—	—	
Pneumatic Timer—0.2-180 Sec.	T	14, 40	1, Open	424.	424.	424.	424.	424.	—	—	—	
Backspin Protection	T5	87, 88	3R	601.	601.	601.	601.	601.	601.	—	—	
Minimum Run Timer 0.2 sec.-3 min.	T6											

Meters—Mounted on Enclosure

Description	Class	Enclosure [Ⓞ] Type	Catalog No Suffix	Controller Size—Price Addition \$							
				00-1 1/4	2, 2 1/2	3, 3 1/2	4	4 1/2, 5	6	7	8
Ammeter (includes a C.T. if necessary)	All	1, 12	M1	539.	1078.	1525.	1525.	1525.	1525.	1525.	1525.
Ammeter and Switch (3 Phase with 3 C.T.s)			M2	2311.	2311.	2311.	2311.	2311.	2311.	2311.	2311.
Voltmeter			M3	1525.	1525.	1525.	1525.	1525.	1525.	1525.	1525.
Voltmeter and Switch (3 Phase)			M4	2311.	2311.	2311.	2311.	2311.	2311.	2311.	2311.
Elapsed Time Meter			1, 12 (120V only)	M5	447.	447.	447.	447.	447.	447.	447.
Wattmeter			1, 12	M6	3127.	3127.	3127.	3127.	3127.	3127.	3127.

Nameplates

Description	Class	Catalog No Suffix	Controller Size—Price Addition \$								
			00-1 1/4	2	2 1/2	3	3 1/2, 4	4 1/2, 5	6	7	8
Function identification plate, with marking as specified	All	N1	23.	23.	23.	23.	23.	23.	23.	23.	23.
Non-standard markings for oil tight pilot device		N2	8.	8.	8.	8.	8.	8.	8.	8.	8.

Terminal Blocks

Description	Class	Catalog No Suffix	Controller Size—Price Addition \$							
			00-1 1/4	2	2 1/2	3	3 1/2, 4	4 1/2, 5	6	7
3 Point Terminal	All	TC3	185.	185.	185.	185.	185.	185.	185.	185.
6 Point Terminal		TC6	370.	370.	370.	370.	370.	370.	370.	
9 Point Terminal		TC9	555.	555.	555.	555.	555.	555.	555.	

Alternations[Ⓞ]

Description	Class	Catalog No Change	Controller Size/Price \$							
			0-1 1/4	2, 2 1/2	3, 3 1/2	4	4 1/2, 5	6	7	8
Automatic with Isolated Control (Using Class 46 relay)	83, 84	Change 92 to 93	NC	NC	NC	NC	—	—	—	—
Manual with Isolated Control (Using Lead Pump Transfer Selector Switch)	83, 84	Change 92 to 94	NC	NC	NC	NC	—	—	—	—

Omissions

Description	Class	Catalog No Suffix	Controller Size—Price Deduction \$								
			00-1 1/4	2	2 1/2	3	3 1/2, 4	4 1/2, 5	6	7	8
Omit Overload and Reset Button	All	R	39.	69.	92.	116.	177.	767.	921.	921.	921.
Omit Reset Button	All	KR	NC	NC	NC	NC	NC	NC	NC	—	—
Omit Overload and Reset Button & Change MCP to Thermal Magnetic Circuit Breaker	All	TR	39.	69.	92.	116.	177.	767.	921.	921.	921.
Omit Automatic Alternator	83, 84	Catalog No Change 92 to 95	470.	470.	470.	470.	470.	—	—	—	—

[Ⓞ]Supplied mounted and unwired as standard, or per customer supplied wiring diagram.

[Ⓞ]For NEMA 7 & 9, consult factory.

[Ⓞ]See wiring diagrams on pages 167-168.