



A-C REDUCED VOLTAGE-MAGNETIC

3 Phase Non-Reversing Part Winding Starters

WHEN ORDERING SPECIFY

- Catalog number
- Voltage and frequency
- Heater Coil number or full load current.

FOR USE WITH WYE CONNECTED PART WINDING MOTORS ϕ

Maximum Horsepower 60-50-25 Cycles			NEMA Size	General Purpose NEMA 1		Watertight NEMA 4		Dusttight— Industrial NEMA 5-12		Hazardous Gas NEMA 7-D		Hazardous Dust NEMA 9-EFG	
208/220 Volts	440 Volts	550 Volts		Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price
TWO - 2 COIL OVERLOAD RELAYS - RESET ONLY													
15	20	20	1 PW	9612- H30	\$225.	9612- W3	\$345.	9612- W12	\$325.	9612- W21	\$455.	9612- W24	\$357.
30	50	50	2 PW	H32	318.	W4	453.	W13	443.	W22	660.	W25	516.
60	100	100	3 PW	H34	446.	W5	641.	W14	596.	W23	1008.	W26	710.
100	200	200	4 PW	H95	947.	W6	1254.	W15	1147.	W28	2130.	W27	1337.
200	---	---	5 PW	H121	1900.	W7	2470.	W16	2350.	---	---	---	---
---	400	---	5 PW	H122	1900.	W8	2470.	W17	2350.	---	---	---	---
---	---	400	5 PW	H123	1900.	W9	2470.	W18	2350.	---	---	---	---
400	800	800	6 PW	W1	4127.	W10	4627.	W19	4397.	---	---	---	---
600	1200	1200	7 PW	W2	6165.	W11	6665.	W20	6435.	---	---	---	---

TWO - 3 COIL OVERLOAD RELAYS - RESET ONLY

Factory Assembled 3 coil starter, add suffix "T" to catalog number, through size 4 add \$8., size 5 add \$80., size 6 and above add \$140.

Field Conversion from 2 coil to 3 coil, through size 4, use spindle kit 10176-H150—\$2.50 per relay, and heater coil—\$1.50 per overload relay.

For 380 volts 50 cycle use 440 volt prices
Prices include necessary heater coils at \$1.50 each.

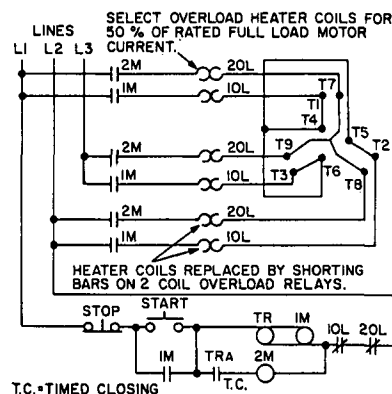
② Contact factory for delta connected motor starters.

HEATER COILS for starters in NEMA 1 enclosures, for average 60 cycle 1800 R.P.M. motors

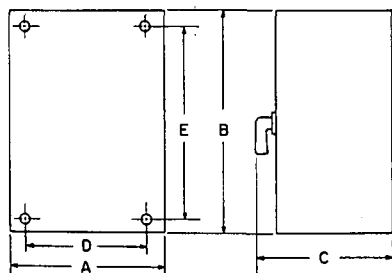
Horsepower	Catalog Numbers			Horsepower	Catalog Numbers		
	208/220 Volts	440 Volts	550 Volts		208/220 Volts	440 Volts	550 Volts
5	10177-H1034	10177-H1028	10177-H1066	30	10177-H1049	10177-H1043	10177-H1041
7½	H1038	H1032	H1030	40	H1050	H1045	H1043
10	H1040	H1034	H1032	50	H1052	H1047	H1045
15	H1043	H1037	H1036	60	H1054	H1047	H1046
20	H1045	H1040	H1038	75	H1055	H1049	H1047
25	H1047	H1041	H1039	100	H1058	H1052	H1049

For more accurate selection and for other enclosures select heater coils by full load current. See index on page 280.

TYPICAL WIRING DIAGRAM



APPROXIMATE DIMENSIONS AND SHIPPING WEIGHTS



NEMA Size	Dimensions in Inches					Ship. Wt. Lbs.
	Wide A	High B	③ Deep C	Mounting		
				D	E	
NEMA 1 ENCLOSURE						
1 PW	16½	22¾	7¾	13½	20	50
2 PW	18½	30¾	9¾	15½	28	110
3 PW	22¾	30¾	9¾	19½	28	145
4 PW	26¾	34¾	9¾	23½	32	200
5 PW	28	60	21 1/8	Floor Mounting		470
6 PW	32	72	34½	Floor Mounting		1500
① 7 PW	48	72	40½	Floor Mounting		2500

① Size 7 PW has two doors

② Does not include ¾" lock hasp.

OPTIONAL FEATURES, page 129

CUTLER-HAMMER

DISCOUNT SCHEDULE 1CD