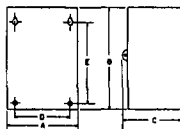


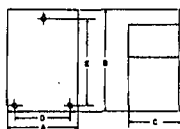
A-C SINGLE PHASE-MAGNETIC

Full Voltage Non-Reversing Starters

APPROXIMATE DIMENSIONS AND SHIPPING WEIGHTS



Enclosed



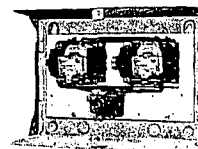
Open

Size	Dimensions in Inches					Ship. Wt. Lbs.	Dimensions in Inches					Ship. Wt. Lbs.
	Wide A	High B	Deep C	Mounting			Wide A	High B	Deep C	Mounting		
				D	E					D	E	
NEMA 1							OPEN TYPE					
00	5%	7	4%	3½	5½	7	4%	5½	4%	2½	5	3¼
0	5%	8%	5	3½	6¼	7½	4%	6%	4%	3¼	5½	3¼
1 & 1½	6%	9½	5%	4%	7%	9½	5%	6¼	5	4%	5¾	5
NEMA 3-4							NEMA 5-12					
0	8	11¾	8%	4¾	10¾	23	8	11¾	8	4¾	10¾	22
1 & 1½	8	11¾	8%	4¾	10¾	25	8	11¾	8	4¾	10¾	24
NEMA 7							NEMA 9					
0	9¾	11½	7%	8	9¾	20	7¾	10	7	5¾	9¾	14
1 & 1½	9¾	11½	7%	8	9¾	22½	8½	10%	7¾	6%	10	17

Full Voltage Reversing Starters

WHEN ORDERING SPECIFY

- Catalog number
- Voltage and frequency
- Heater coil number or full load current



NEMA Type 1, Horizontal with Cover Removed

FOR REMOTE CONTROL

Non-Plugging Max. HP 60-50-25 Cycles		NEMA Size	Poles	General Purpose NEMA 1			Weatherproof-Watertight NEMA 3-4		Dusttight-Industrial NEMA 5-12		Hazardous Gas NEMA 7-D		Hazardous Dust NEMA 9-EFG		Open Types		
115 Volts	230 Volts			Vertical Cat. No.	Horiz. Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Vertical Cat. No.	Horiz. Cat. No.	Price
1/2	---	2 00	2	---	9595-H2176	\$66.	9595-W9	\$112.	---	---	---	---	9595-W13	\$112.	---	9595-W17	\$62.
---	3/4		2	---	H2177	66.	W10	112.	---	---	---	---	W14	112.	---	W18	62.
1/2	---		3	---	W7	68.	W11	114.	---	---	---	---	W15	114.	---	W19	64.
---	3/4		3	---	W8	68.	W12	114.	---	---	---	---	W16	114.	---	W20	64.
1	2	0	2	9656-H18	9656-H25	78.	9656-W17	124.	9656-W21	\$96.	9656-W25	\$239.	9656-W31	124.	9656-H4	9656-H11	74.
---	---		3	H46	H62	80.	W18	126.	W22	98.	W26	241.	W32	126.	W35	W37	76.
2	3	1	2	H118	H125	90.	W19	154.	W23	108.	W27	251.	W33	154.	H104	H111	84.
---	---		3	W13	W14	92.	W20	156.	W24	110.	W28	253.	W34	156.	W36	W38	86.

Prices include one heater coil at \$1.50.

PLUGGING AND JOGGING SERVICE HORSEPOWER RATINGS

Volts	Maximum horsepower where operation is interrupted more than five times per minute.		
	Size 00	Size 0	Size 1
115	1/4	1/2	1
230	1/4	1/2	2

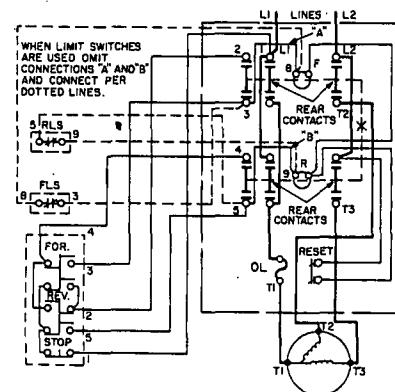
- 1/6 to 3/4 selection for 2 pole only.
- 60 cycle only. Order 50 or 25 cycle by description and complete motor data.
- Except size 00.

HEATER COILS for starters in NEMA 1 enclosures for average 60 cycle motors.

H.P.	Catalog Numbers	
	115 Volts	230 Volts
1/6	9104-H1361	9104-H1354
1/4	H1364	H1357
1/2	H1367	H1359
3/4	H1370	H1363
1	H1374	H1366
1 1/2	10177-H1041	10177-H1035
2	H1043	H1037
3	H1045	H1039
---	---	H1042

For more accurate selection and other enclosures, select heater coils by full load current. See index on page 281.

TYPICAL WIRING DIAGRAM



OPTIONAL FEATURES, page 146.

CUTLER-HAMMER

DISCOUNT SCHEDULE 1 CD