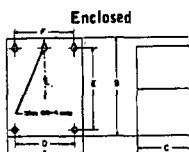




APPROXIMATE DIMENSIONS AND SHIPPING WEIGHTS



Open

NEMA 1							OPEN TYPE						
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	F	
VERTICAL CONSTRUCTION													
0	6%	15%	6%	3%	13%	15%	4%	11%	4%	3%	10%	---	8%
1	7%	16%	6%	4%	14	19%	5%	12	4%	4%	11%	---	11
HORIZONTAL CONSTRUCTION													
00	7%	11%	5	5%	9%	13	6	8%	4%	5%	8%	3	10
0	14%	10%	7%	11%	8%	26%	12%	7	4%	8	6%	8	11
1	14%	10%	7%	11%	8%	28	12%	7	4%	8	6%	8	13

Reduced Voltage Primary Resistance Non-Reversing Starters

WHEN ORDERING SPECIFY

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

FOR REMOTE CONTROL

Maximum Horsepower 60 cycles	Volts	Size	General Purpose NEMA 1		Maximum Horsepower 60 cycles	Volts	Size	General Purpose NEMA 1	
			Cat. No.	Price				Cat. No.	Price
¾	115 230	1	9605- H1547 H1551	\$202.	3	115 230	1½ 1	9605- W60 H1555	\$240. 202.
1	115 230	1	H1548 H1552	202.	5	230	1½	W61	240.
1½	115 230	1	H1549 H1553	202.	7½	230	2	H1486	429.
2	115 230	1	H1550 H1554	202.	10	230	3	W62	477.
					15	230	3	W63	492.

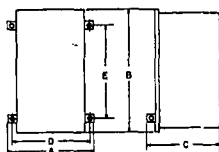
For use on 50 and 25 cycles, order by description and give complete motor date—Use above prices. Prices include one heater coil at \$1.50.

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

H.P.	Catalog Numbers	
	115 Volts	230 Volts
	10177-	10177-
¼	H1032	H1066
⅓	H1034	H1028
½	H1037	H1030
¾	H1040	H1034
1	H1041	H1035
1½	H1043	H1037
2	H1045	H1039
3	---	H1042
7½	---	H1049

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

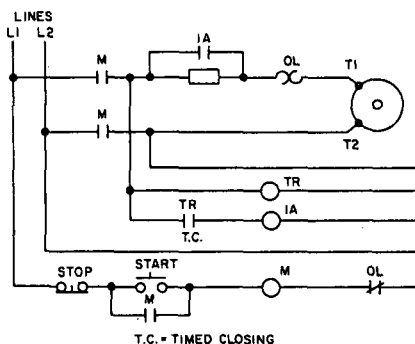
Approximate Dimensions and Shipping Weights



Size	Dimensions in Inches					Ship. Wt. Lbs.
	Wide A	High B	Deep C	Mounting		
				D	E	
1	20	32 $\frac{3}{4}$	10 $\frac{1}{2}$	18	28	90
2	22	42 $\frac{3}{4}$	10 $\frac{1}{2}$	20	38	150

Dimensions of NEMA size 1½ and 3 on application.

TYPICAL WIRING DIAGRAM



T.C. = TIMED CLOSING

3 PHASE FULL VOLTAGE MOTOR CONTROL

3 PHASE REDUCED
VOLTAGE & MULTISPEED
MOTOR CONTROL

1 PHASE MOTOR CONTROL

**AC-DC CONTACTORS
RELAYS & TIMERS**

**PUSHBUTTONS & LIGHTS
LIMIT SWITCHES,
FOOT SWITCHES**

**MISCELLANEOUS
ACCESSORIES &
COMPONENTS**