

- Three-phase full voltage starters
- Solid-state overload relay
- Combination type with fusible disconnect switch
- Standard width and extra wide enclosures
- UL listed file #E185287
- CSA certified file #LR6535

Coil Table

60Hz Voltage	Letter
24 Separate Control	J
120 Separate Control	F
110-120/220-240	A
200-208	D
220-240	G
277	L
220-240/440-480	C
440-480	H
575-600	E

Extra Wide Enclosure, 3-Phase, 3-Pole

Max Hp Rating				NEMA Size (1/2 Size)	Overload Relay Amp Range	Disc. Amp Range	Fuse Clip Amp/Volts	Enclosure Type		
Motor Voltage								1	4/4X S.S.	3/3R/4/12
200	230	460	575					Catalog Number		
1/6	1/6	—	—	0	0.25-1	30	30A/250V	17CUA82B*10	17CUA82W*10	17CUA82N*10
—	—	1/3	2	0	0.25-1	30	30A/600V	17CUA82B*11	17CUA82W*11	17CUA82N*11
1/2	3/4	—	—	0	0.75-3.4	30	30A/250V	17CUB82B*10	17CUB82W*10	17CUB82N*10
—	—	1 1/2	2	0	0.75-3.4	30	30A/600V	17CUB82B*11	17CUB82W*11	17CUB82N*11
2	2	—	—	0	3-12	30	30A/250V	17CUC82B*10	17CUC82W*10	17CUC82N*10
—	—	5	5	0	3-12	30	30A/600V	17CUC82B*11	17CUC82W*11	17CUC82N*11
3	3	—	—	0	5.5-22	30	30A/250V	17CUD82B*10	17CUD82W*10	17CUD82N*10
—	—	10	10	0	5.5-22	30	30A/600V	17CUD82B*11	17CUD82W*11	17CUD82N*11
1/6	1/6	—	—	1	0.25-1	30	30A/250V	17DUA82B*10	17DUA82W*10	17DUA82N*10
—	—	1/3	2	1	0.25-1	30	30A/600V	17DUA82B*11	17DUA82W*11	17DUA82N*11
1/2	3/4	—	—	1	0.75-3.4	30	30A/250V	17DUB82B*10	17DUB82W*10	17DUB82N*10
—	—	1 1/2	2	1	0.75-3.4	30	30A/600V	17DUB82B*11	17DUB82W*11	17DUB82N*11
2	2	—	—	1	3-12	30	30A/250V	17DUC82B*10	17DUC82W*10	17DUC82N*10
—	—	5	5	1	3-12	30	30A/600V	17DUC82B*11	17DUC82W*11	17DUC82N*11
3	3	—	—	1	5.5-22	30	30A/250V	17DUD82B*10	17DUD82W*10	17DUD82N*10
—	—	10	10	1	5.5-22	30	30A/600V	17DUD82B*11	17DUD82W*11	17DUD82N*11
5	5	—	—	1	10-40	30	30A/250V	17DUE82B*10	17DUE82W*10	17DUE82N*10
7 1/2	7 1/2	—	—	1	10-40	60	60A/250V	17DUE82B*12	17DUE82W*12	17DUE82N*12
—	—	15	15	(1 3/4)	10-40	60	60A/600V	17EUE82B*13	17EUE82W*13	17EUE82N*13
10	10	—	—	(1 3/4)	10-40	60	60A/250V	17EUE82B*12	17EUE82W*12	17EUE82N*12
10	15	—	—	2	13-52	60	60A/250V	17FUF82B*12	17FUF82W*12	17FUF82N*12
—	—	25	25	2	13-52	60	60A/600V	17FUF82B*13	17FUF82W*13	17FUF82N*13
—	—	—	30	(2 1/2)	13-52	60	60A/600V	17GUF82B*13	17GUF82W*13	17GUF82N*13
—	—	30	—	(2 1/2)	13-52	100	100A/600V	17GUF82B*15	17GUF82W*15	17GUF82N*15
15	20	—	—	(2 1/2)	25-100	100	100A/250V	17GUG82B*14	17GUG82W*14	17GUG82N*14
20	25	—	—	3	25-100	100	100A/250V	17HUG82B*14	17HUG82W*14	17HUG82N*14
—	—	50	50	3	25-100	100	100A/600V	17HUG82B*15	17HUG82W*15	17HUG82N*15
25	30	—	—	3	25-100	200	200A/250V	17HUG82B*16	17HUG82W*16	17HUG82N*16

Max Hp Rating				NEMA Size (1/2 Size)	Overload Relay Amp Range	Disc. Amp Rating	Fuse Clip Amp/Volts	Enclosure Type			
Motor Voltage								1	4/4X S.S.	4X Fg.	3/3R/4/12
200	230	460	575					Catalog Number			
1/6	1/6	—	—	0	0.25-1	30	30A/250V	17CUA92B*10	17CUA92W*10	17CUA92F*10	17CUA92N*10
—	—	1/3	1/2	0	0.25-1	30	30A/600V	17CUA92B*11	17CUA92W*11	17CUA92F*11	17CUA92N*11
1/2	3/4	—	—	0	0.75-3.4	30	30A/250V	17CUB92B*10	17CUB92W*10	17CUB92F*10	17CUB92N*10
—	—	1 1/2	2	0	0.75-3.4	30	30A/600V	17CUB92B*11	17CUB92W*11	17CUB92F*11	17CUB92N*11
2	2	—	—	0	3-12	30	30A/250V	17CUC92B*10	17CUC92W*10	17CUC92F*10	17CUC92N*10
—	—	5	5	0	3-12	30	30A/600V	17CUC92B*11	17CUC92W*11	17CUC92F*11	17CUC92N*11
3	3	—	—	0	5.5-22	30	30A/250V	17CUD92B*10	17CUD92W*10	17CUD92F*10	17CUD92N*10
—	—	10	10	0	5.5-22	30	30A/600V	17CUD92B*11	17CUD92W*11	17CUD92F*11	17CUD92N*11
1/6	1/6	—	—	1	0.25-1	30	30A/250V	17DUA92B*10	17DUA92W*10	17DUA92F*10	17DUA92N*10
—	—	1/3	1/2	1	0.25-1	30	30A/600V	17DUA92B*11	17DUA92W*11	17DUA92F*11	17DUA92N*11
1/2	3/4	—	—	1	0.75-3.4	30	30A/250V	17DUB92B*10	17DUB92W*10	17DUB92F*10	17DUB92N*10
—	—	1 1/2	2	1	0.75-3.4	30	30A/600V	17DUB92B*11	17DUB92W*11	17DUB92F*11	17DUB92N*11
2	2	—	—	1	3-12	30	30A/250V	17DUC92B*10	17DUC92W*10	17DUC92F*10	17DUC92N*10
—	—	5	5	1	3-12	30	30A/600V	17DUC92B*11	17DUC92W*11	17DUC92F*11	17DUC92N*11
3	3	—	—	1	5.5-22	30	30A/250V	17DUD92B*10	17DUD92W*10	17DUD92F*10	17DUD92N*10
—	—	10	10	1	5.5-22	30	30A/600V	17DUD92B*11	17DUD92W*11	17DUD92F*11	17DUD92N*11
5	5	—	—	1	10-40	30	30A/250V	17DUE92B*10	17DUE92W*10	17DUE92F*10	17DUE92N*10
7 1/2	7 1/2	—	—	1	10-40	60	60A/250V	17DUE92B*12	17DUE92W*12	17DUE92F*12	17DUE92N*12
—	—	15	15	(1 3/4)	10-40	60	60A/600V	17EUE92B*13	17EUE92W*13	17EUE92F*13	17EUE92N*13
10	10	—	—	(1 3/4)	10-40	60	60A/250V	17EUE92B*12	17EUE92W*12	17EUE92F*12	17EUE92N*12
10	15	—	—	2	13-52	60	60A/250V	17FUF92B*12	17FUF92W*12	17FUF92F*12	17FUF92N*12
—	—	25	25	2	13-52	60	60A/600V	17FUF92B*13	17FUF92W*13	17FUF92F*13	17FUF92N*13
—	—	—	30	(2 1/2)	13-52	60	60A/600V	17GUG92B*13	17GUG92W*13	17GUG92F*13	17GUG92N*13
—	—	30	—	(2 1/2)	13-52	100	100A/600V	17GUG92B*15	17GUG92W*15	17GUG92F*15	17GUG92N*15
15	20	—	—	(2 1/2)	25-100	100	100A/250V	17GUG92B*14	17GUG92W*14	17GUG92F*14	17GUG92N*14
20	25	—	—	3	25-100	100	100A/250V	17HUG92B*14	17HUG92W*14	17HUG92F*14	17HUG92N*14
—	—	50	50	3	25-100	100	100A/600V	17HUG92B*15	17HUG92W*15	17HUG92F*15	17HUG92N*15
25	30	—	—	3	25-100	200	200A/250V	17HUG92B*16	17HUG92W*16	17HUG92F*16	17HUG92N*16
30	40	—	—	(3 1/2)	50-200	200	200A/250V	17IUH92B*16	17IUH92W*16	17IUH92F*16	17IUH92N*16
—	—	75	75	(3 1/2)	50-200	200	200A/600V	17IUH92B*17	17IUH92W*17	17IUH92F*17	17IUH92N*17
40	50	—	—	4	50-200	200	200A/250V	17JUH92B*16	17JUH92W*16	17JUH92F*16	17JUH92N*16
—	—	100	100	4	50-200	200	200A/600V	17JUH92B*17	17JUH92W*17	17JUH92F*17	17JUH92N*17
75	100	—	—	5 [A]	55-250	400	400A/250V	17LPU92B*18	17LPU92E*18 [D]	—	17LPU92N*18
—	100	—	—	5 [A]	55-250	600	600A/250V	17LPU92B*20	17LPU92E*20 [D]	—	17LPU92N*20
—	—	—	125	5 [A]	55-250	400	200A/600V	17LPU92B*17	17LPU92E*17 [D]	—	17LPU92N*17
—	—	200	200	5 [A]	55-250	400	400A/600V	17LPU92B*19	17LPU92E*19 [D]	—	17LPU92N*19
—	—	200	—	5 [A]	55-250	600	600A/600V	17LPU92B*21	17LPU92E*21 [D]	—	17LPU92N*21
150	200	—	—	6 [A]	160-630	600	600A/250V	17MPX92B*20	17MPX92E*20 [D]	—	17MPX92N*20
—	—	400	400	6 [A]	160-630	600	600A/600V	17MPX92B*21	17MPX92E*21 [D]	—	17MPX92N*21
—	—	400	400	6 [A]	160-630	800	800A/600V	17MPX92B*23	17MPX92E*23 [D]	—	17MPX92N*23
—	—	600	600	7 [A,B]	400-1220	1200	1200A/600V	17NUN92B*24	—	—	17NUN92N*24
—	—	900	900	8 [A,C]	400-1220	1600	1600A/600V	17PUN92B*25	—	—	17PUN92N*25

Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.

[A] Dual voltage coils not available in size 5 - 8 starters.

[B] Available with only F and H coils.

[C] Available with only F coil.

[D] Enclosure is Type 4 painted steel.

Figure 1

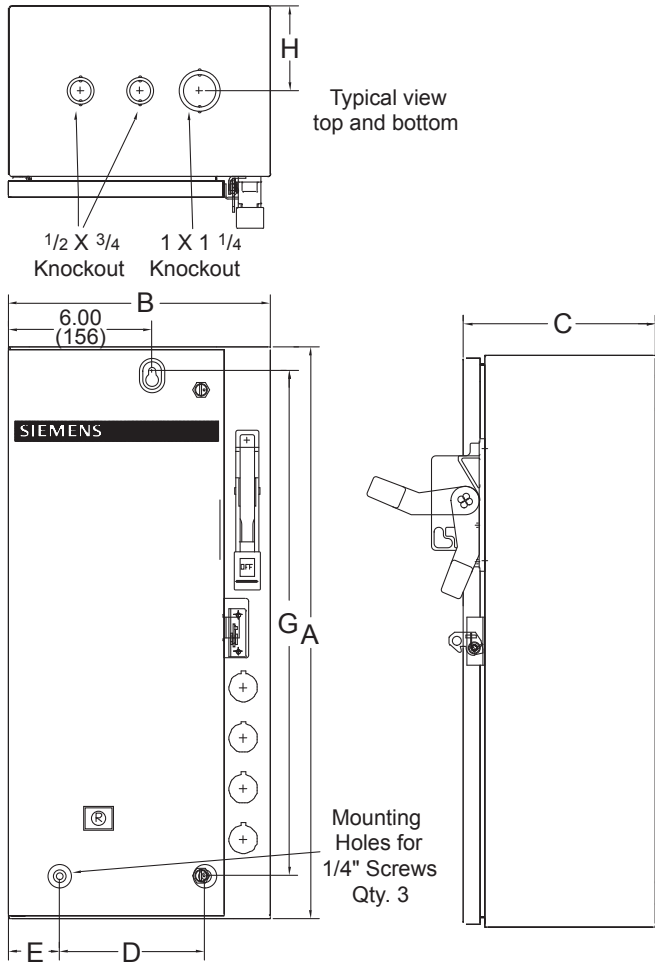
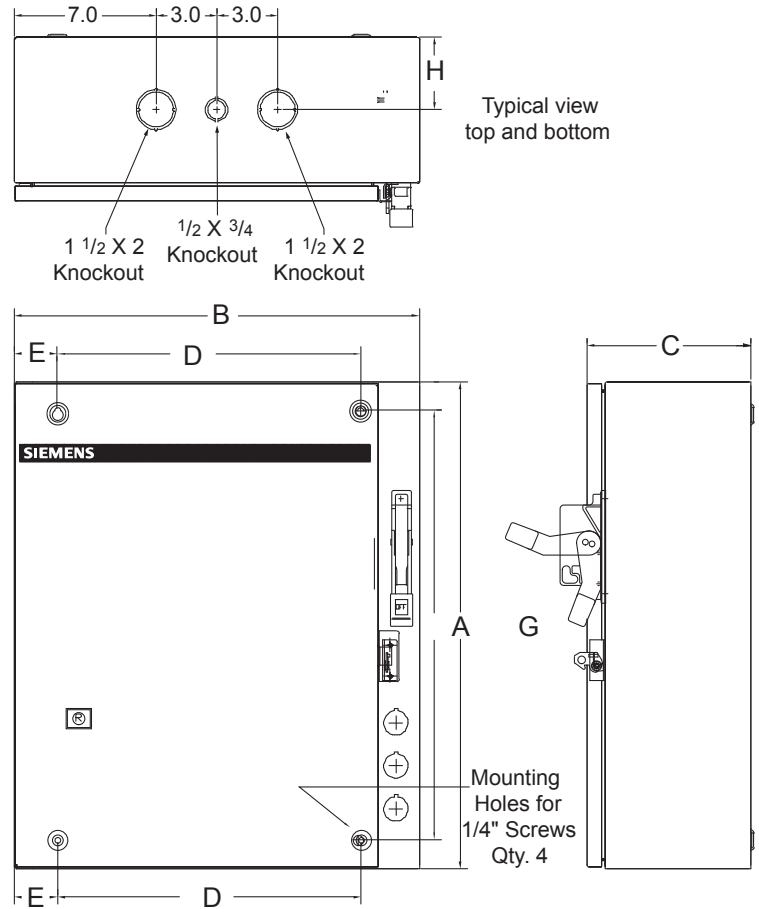


Figure 2



Dimensions

Enclosure Type	Size	Fig.	Outline Dimensions			Mounting Dimensions				Approx. Ship Wt Lbs
			A	B	C	D	E	G	H	
1 (Standard width)	0-2	1	24.00	11.00	8.00	6.13	2.13	21.00	3.50	35
	2 1/2, 3	2	24.00	20.00	8.00	15.00	2.13	21.00	3.50	48
	3 1/2, 4	3	36.00	24.00	8.00	14.00	5.00	33.50	5.00	101
	5	4	72.16	20.00	11.03	71.00	16.00	—	—	250
	6	4	79.13	22.00	13.00	78.00	18.00	—	—	275
1 (Extra wide)	0-2	2	24.00	20.00	8.00	15.00	2.13	21.00	3.50	48
	2 1/2, 3	3	36.00	24.00	8.00	14.00	5.00	33.50	5.00	101

Dimensions are in inches.

This dimension table refers to figures 1 and 2 on this page and to figures 3 and 4 shown on page 4.

Dimensional Drawings

(Refer to dimension table on page 3.)

Figure 3

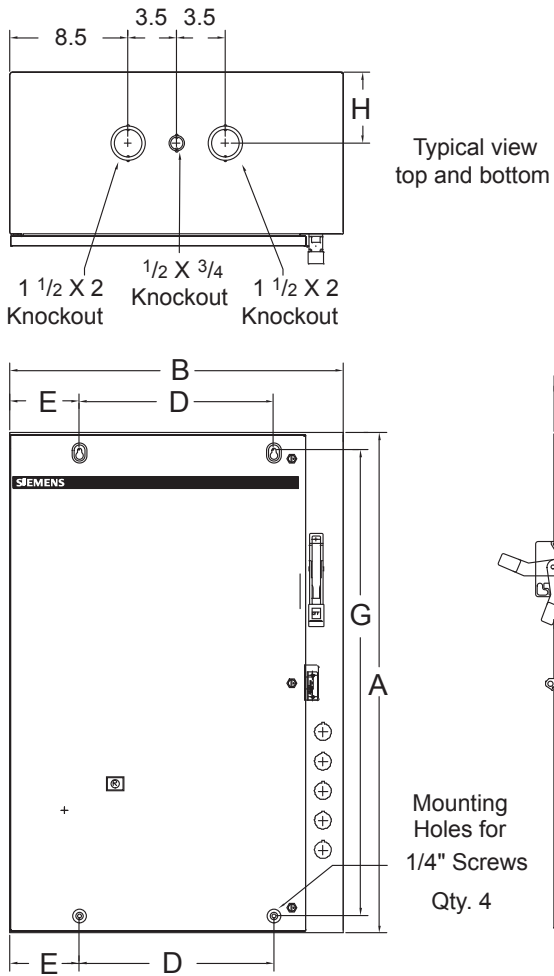


Figure 4

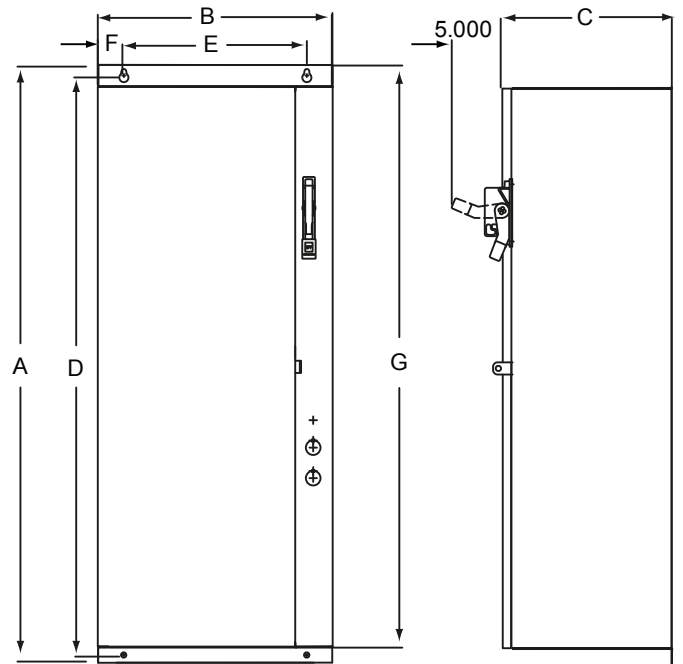


Figure 1

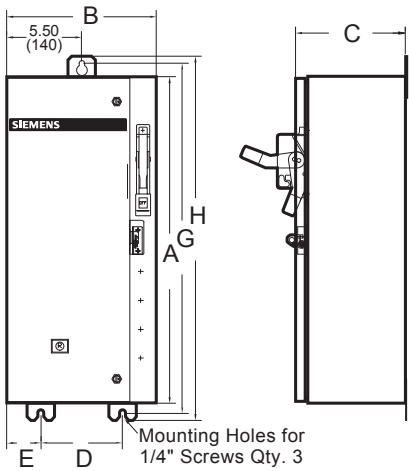


Figure 2

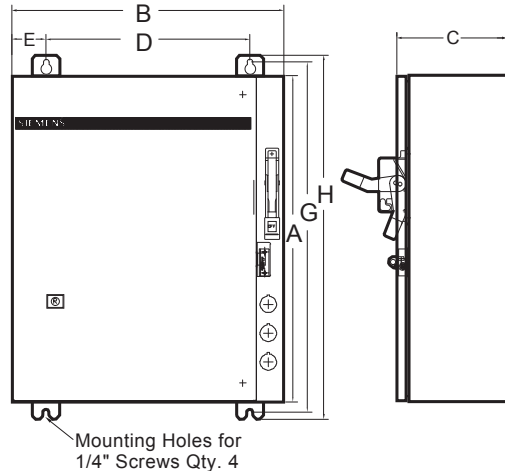


Figure 3

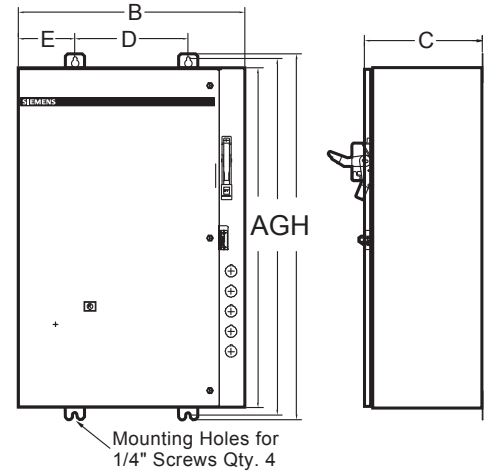


Figure 4

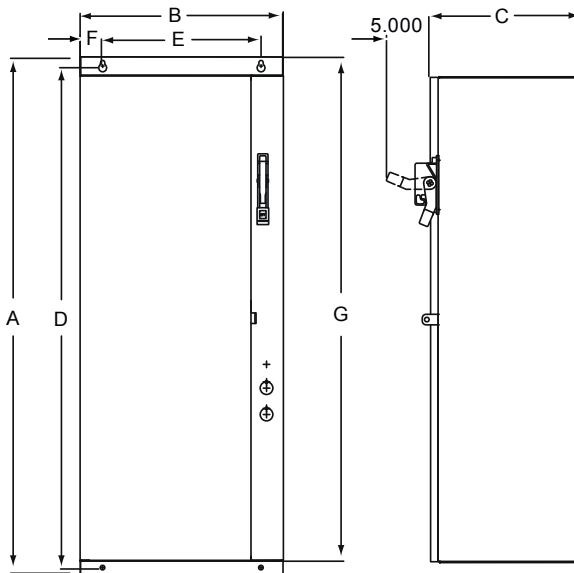
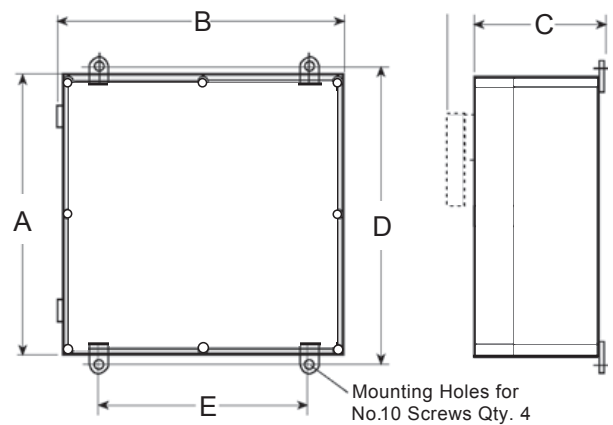


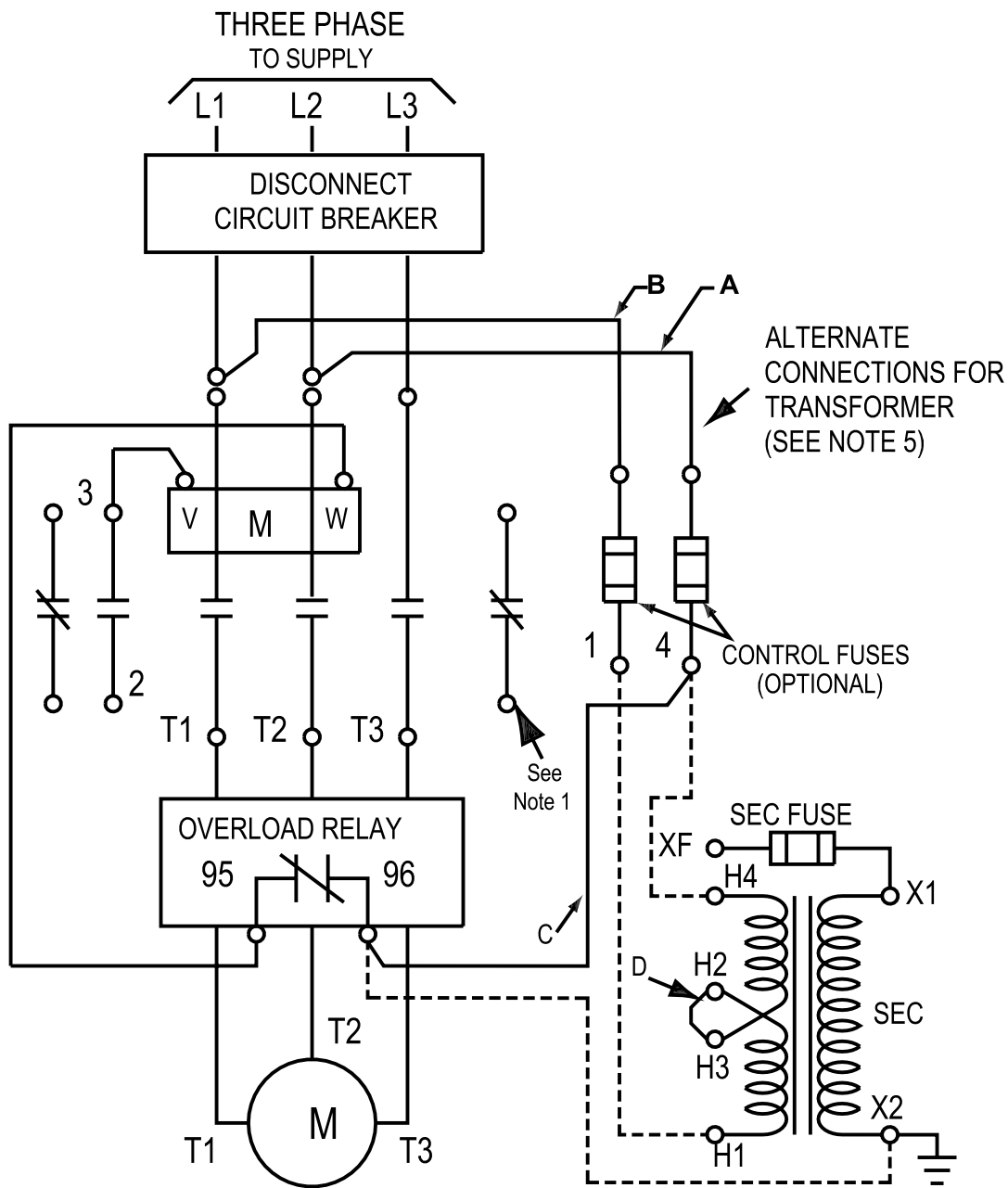
Figure 5



Dimensions

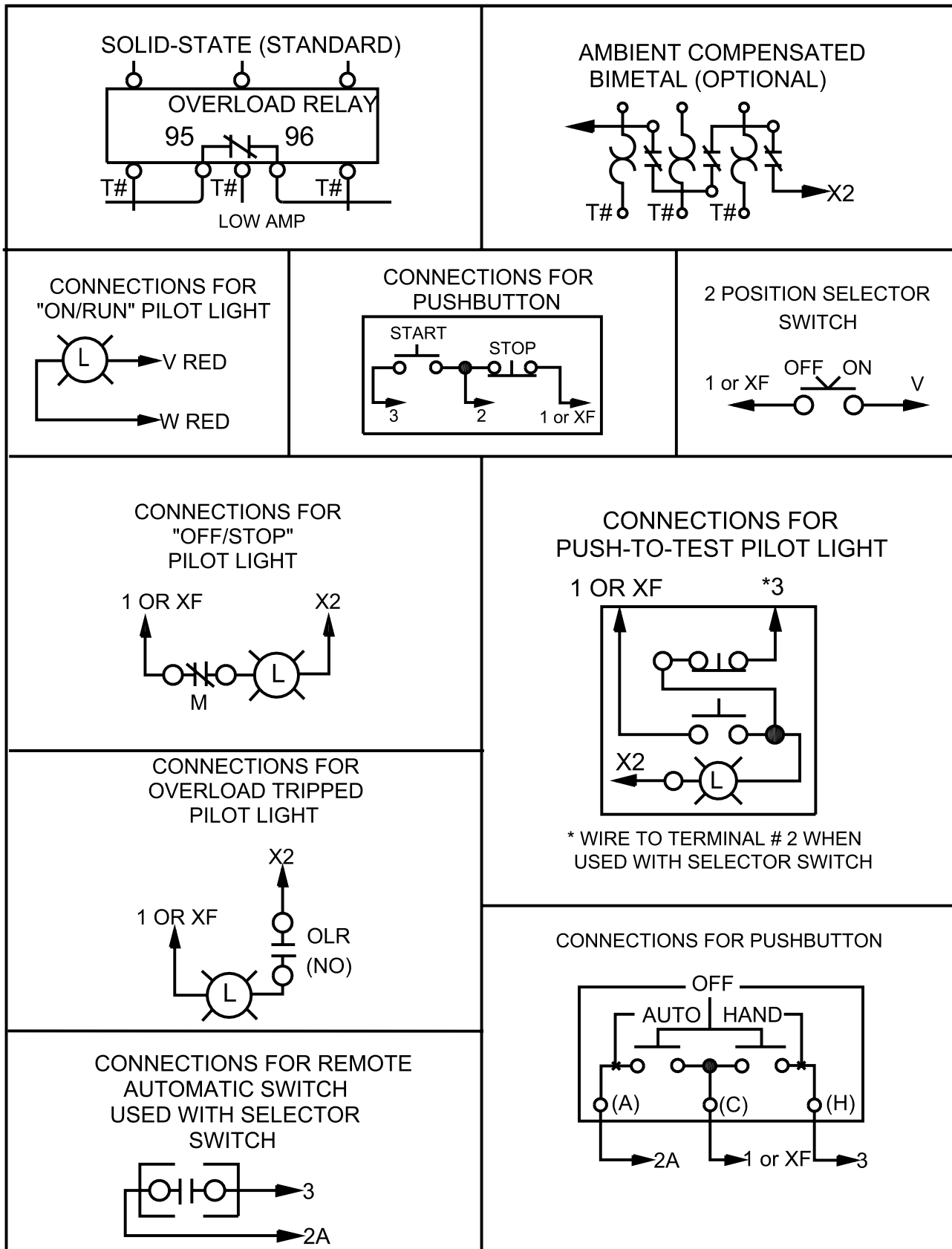
Enclosure Type	Size	Fig.	Outline Dimensions			Mounting Dimensions				Approx. Ship Wt Lbs
			A	B	C	D	E	G	H	
3/3R/4/4X/12 (Standard width)	0-2	1	24.00	11.00	8.00	6.00	2.50	25.75	26.75	35
	2 1/2, 3	2	24.00	20.00	8.00	15.00	2.50	25.75	26.75	48
	3 1/2, 4	3	36.00	24.00	8.00	12.00	6.00	37.75	38.75	101
	5	4	72.16	20.00	11.03	71.00	16.00	—	—	250
	6	4	79.13	22.00	13.00	78.00	18.00	—	—	275
3/3R/4/4X/12 (Extra wide)	0-2	2	24.00	20.00	8.00	15.00	2.50	25.75	26.75	48
	2 1/2, 3	3	36.00	24.00	8.00	12.00	6.00	37.75	38.75	101
4/4X Fg (Standard width)	0-1 3/4	5	23.75	14.62	7.12	24.09	12.20	—	—	42
	2-3 1/2	5	23.75	23.75	8.50	24.06	21.30	—	—	44
	4	5	39.37	29.52	12.20	40.94	27.95	—	—	55

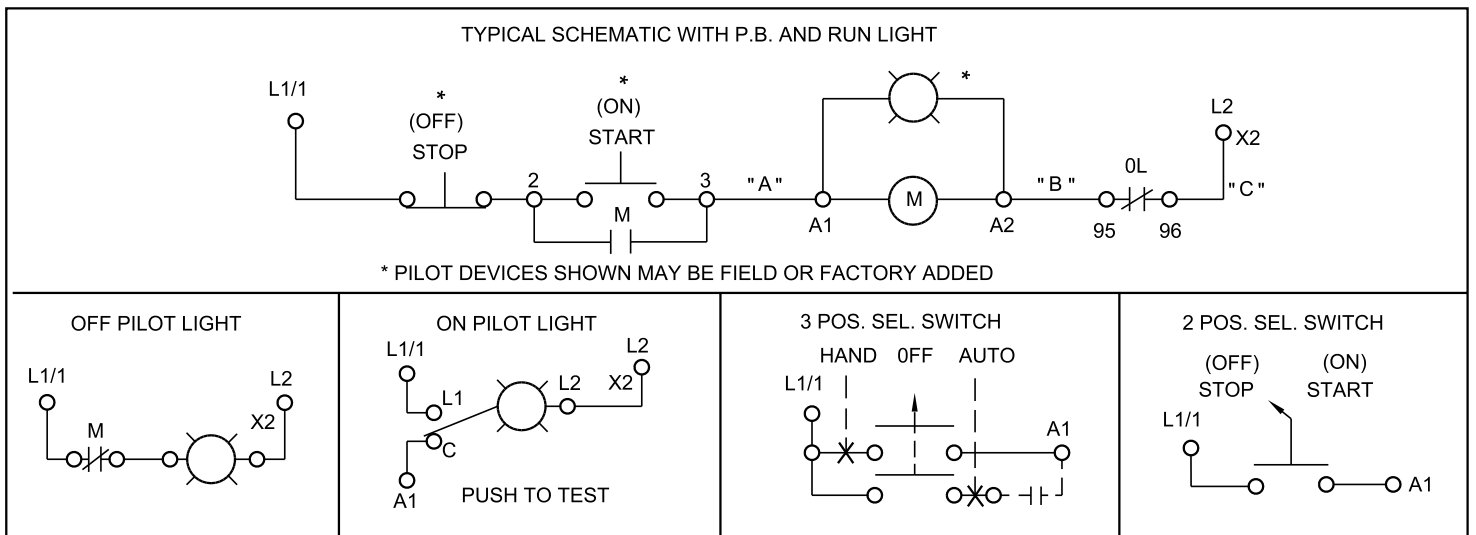
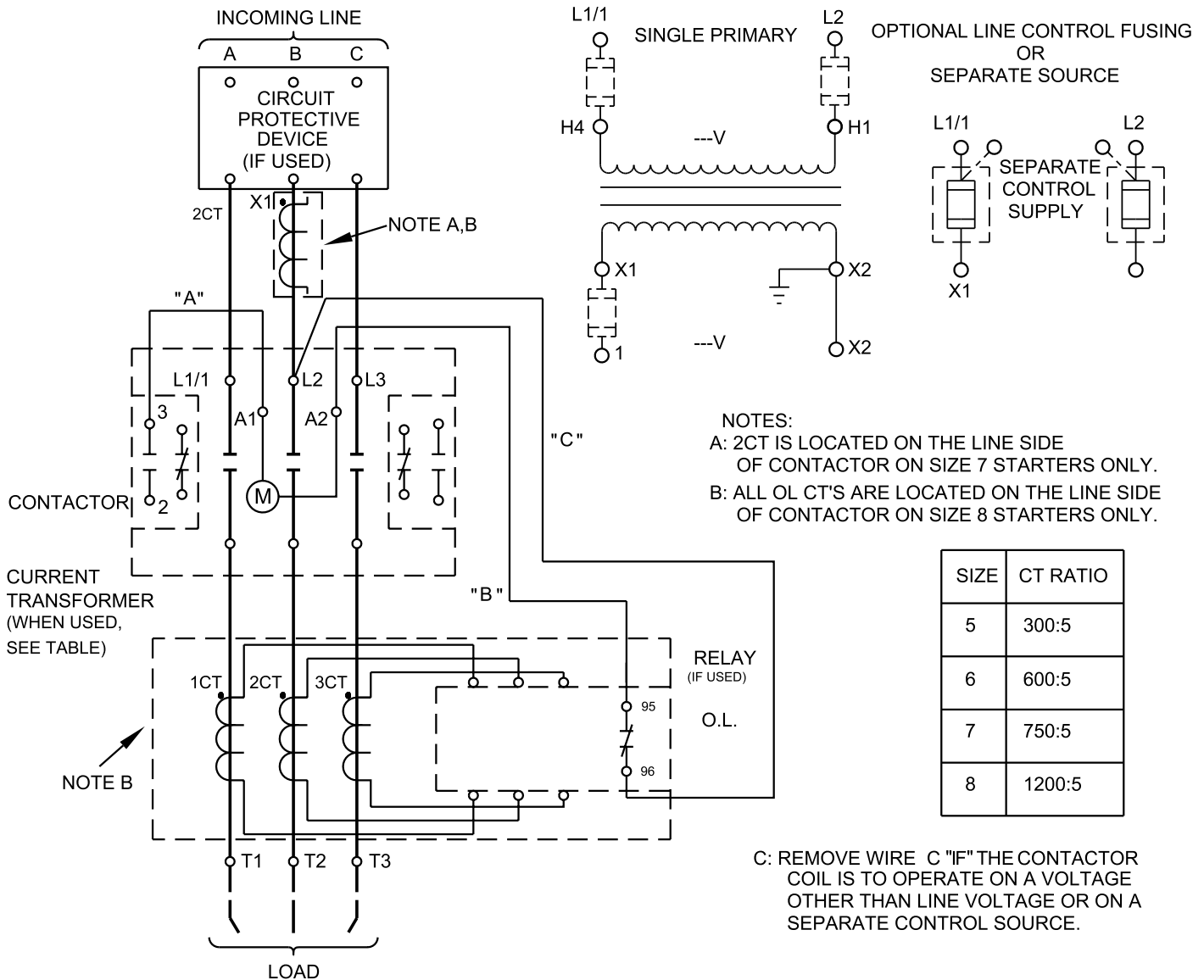
Dimensions are in inches.



NOTES:

- 1) A MAX. OF 8 EXTRA UNWIRED NO OR 4 NC INTERLOCKS FOR SIZE 0 - 1¼ (7 NO FOR SIZE 2 - 4) MAY BE SUPPLIED AS REQUIRED.
- 2) FOR SEPARATE CONTROL VOLTAGE SOURCE, REMOVE JUMPER "A" AND CONTROL WIRE FROM "1" ON STARTER. CONNECT SOURCE TO "1" ON CONTROL DEVICE AND TO "96" ON OVERLOAD RELAY.
- 3) TRANSFORMER CONNECTIONS SHOWN ARE FOR HIGHER PRIMARY VOLTAGE. FOR LOWER VOLTAGE, REMOVE JUMPER "D" AND CONNECT "H1" TO "H3" AND "H2" TO "H4" ON TRANSFORMER. FOR CONNECTIONS OTHER THAN SHOWN, SEE TRANSFORMER NAMEPLATE.
- 4) REMOVE JUMPER "C" IF CONTROL TRANSFORMER IS USED.
- 5) WHEN FIELD ADDING A TRANSFORMER OR CHANGING TO A SEPARATE SOURCE, CHECK COIL VOLTAGE FOR COMPATIBILITY AND CHANGE COIL OR RECONNECT JUMPERS IF NECESSARY.





Enclosure type	Description	Catalog No.
1, 3/3R, 4/4X & 12	Start, Stop Push Buttons	49SAP05
	Hand-Off-Auto Selector Switch	49SAS01
	Off-On Selector Switch	49SAS04
	Red On Pilot Light 24VAC	49SPL0BRJ
	Red On Pilot Light 120VAC	49SPL0BRF
	Red On Pilot Light 240VAC	49SPL0BRG
	Red On Pilot Light 480VAC	49SPL0BRH
	Green Off* Pilot Light 24VAC	49SPL0AGJ
	Green Off* Pilot Light 120VAC	49SPL0AGF
	Green Off* Pilot Light 240VAC	49SPL0AGG
	Green Off* Pilot Light 480VAC	49SPL0AGH
All	CPT 45VA 240/480:24VAC	KT4050
	CPT 45VA 240/480:120VAC	KT8050
	CPT 50VA 240/480:24VAC	KT4050P
	CPT 50VA 240/480:120VAC	KT8050P
	CPT 100VA 240/480:24VAC	KT4100
	CPT 100VA 240/480:120VAC	KT8100
	1 NO Aux Contact for Starter Sizes 00 - 4	49AB10
	1 NC Aux Contact for Starter Sizes 00 - 4	49AB01
	1 NO & 1 NC Aux Contact for Starter Sizes 00 - 4	49AB11

* Includes NC aux contact for starter sizes 0-4.

NEMA Enclosure Descriptions

NEMA Type	Abbreviated Enclosure Description
1	General purpose indoor use
3/3R	Weatherproof
4	Watertight and dust tight
4X	Watertight, dust tight and corrosion resistant
7/9	Classified areas Div. 1 & Div. 2 Class I Groups C & D; Class II Groups E, F & G; Class III
12	Dust tight and drip proof for indoor use

Short Circuit Current Ratings

Fuses

Size	Class H or K 600V Max	Class R or J 600V Max
00 - 4	10kA	100kA
5 & 6	10kA	100kA
7 & 8	NA	NA

Thermal Magnetic Circuit Breaker

Size	480V Max	600V Max
00 - 4	100kA	25kA
5 & 6	100kA	42kA
7 & 8	NA	NA