

FIGURE 1

NOTES

1. REMOVABLE DOOR, KEY LOCKING HANDLE. SINGLE DOOR HINGED ON RIGHT SIDE WITH SINGLE CENTER LATCH AND CAPTIVE SCREWS ON TOP AND BOTTOM.
2. FULL WIRING GUTTERS AND 0.75-0.50 DIA. Ø19.1-Ø12.7 MM. COMBINATION PILOT KNOCKOUTS PROVIDED TOP AND BOTTOM ONLY.

GENERAL NOTES  
(FIGURES 1 & 2)

1. ENCLOSURES CONSTRUCTED IN ACCORDANCE WITH UL STANDARD 508.
2. STANDARD FINISH-LIGHT GREY ANSI #61.
3. WIDTH, HEIGHT, AND DEPTH DIMENSIONS ON FIGS. 1 & 2 ARE INSIDE DIMENSIONS. WIDTH, HEIGHT, AND DEPTH DIMENSIONS ON FIG 3 ARE OUTSIDE DIMENSIONS.
4. THE TRANSFER SWITCH UNIT IS MOUNTED ON THE INSIDE BACK SURFACE AND THE CONTROL PANEL AND ADD-ON PANEL SUB-ASSEMBLY MOUNTED ON THE INSIDE DOOR SURFACE. THE CONTROL PANEL IS CONNECTED TO THE TRANSFER SWITCH PANEL BY A WIRE HARNESS WITH A QUICK DISCONNECT PLUG.
5. AN OPERATOR'S MANUAL IS FURNISHED WITH EACH AUTOMATIC TRANSFER SWITCH. REFER TO THIS PUBLICATION PRIOR TO INSTALLATION AND OPERATION OF THE SWITCH.

TYPE I ENCLOSURE FOR AUTOMATIC TRANSFER SWITCHES 30 - 800 AMP							
AMP SIZE	FIG NO	DIMENSIONS					
		A	B	C	D	E	F
30,70,104, 150,200	1	17.50 444.5	31.00 787.4	11.62 295.1	14.50 368.3	1.50 38.1	28.00 711.2
225,260, 400		18.00 457.2	48.00 1219.2	13.00 330.2	15.00 381.0	1.50 38.1	45.00 1143.0
600,800		24.00 609.6	63.00 1600.2	17.50 444.5	21.00 533.4	1.50 38.1	60.00 1524.0
		G	H				
30,70,104, 150,200	1	1.50 38.1	0.37 Ø9.4				
225,260, 400		1.50 38.1	0.37 Ø9.4				
600,800		1.50 38.1	0.37 Ø9.4				

TYPE I ENCLOSURES FOR AUTOMATIC TRANSFER SWITCHES WITH OPTIONAL SWITCHING NEUTRAL POLE OR OVERLAPPING NEUTRAL							
AMP SIZE	FIG NO	DIMENSIONS					
		A	B	C	D	E	F
30,70, 104,150	1	17.50 444.5	31.00 787.4	11.62 295.1	14.50 368.3	1.50 38.1	28.00 711.2
225,260 &400		18.00 457.2	48.00 1219.2	13.00 330.2	15.00 381.0	1.50 38.1	45.00 1143.0
600 & 800		30.00 762.0	63.00 1600.2	17.50 444.5	27.00 685.8	1.50 38.1	60.00 1524.0
		G	H				
30,70, 104,150	1	1.50 38.1	0.37 Ø9.4				
225,260 &400		1.50 38.1	0.37 Ø9.4				
600 & 800		1.50 38.1	0.37 Ø9.4				

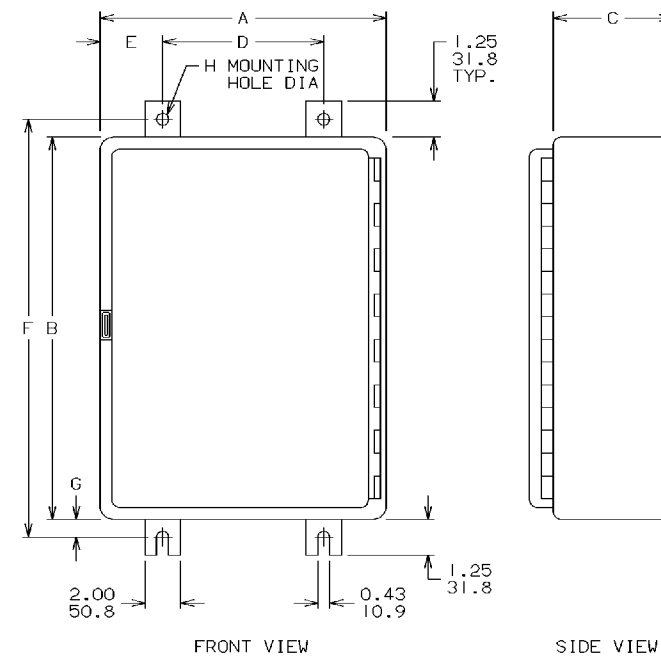


FIGURE 3

NOTES

TYPE 3R                      TYPE 4                      TYPE 12

1. SINGLE DOOR HINGED ON RIGHT SIDE WITH PADLOCK HASP. PLATED DOOR CLAMPS ON THREE (3) SIDES FOR TYPE 4, AND ONE (1) SIDE FOR TYPE 3R & 12.
2. FULL WIRING GUTTERS PROVIDED TOP AND BOTTOM.
3. NO KNOCKOUTS PROVIDED

TYPE 3R,4, AND 12 ENCLOSURES FOR AUTOMATIC TRANSFER SWITCHES 30 - 800 AMP							
AMP SIZE	FIG NO	DIMENSIONS					
		A	B	C	D	E	F
30,70,104, 150,200	3	17.50 444.5	32.50 825.5	11.62 295.1	11.50 292.1	3.00 76.2	33.75 857.3
225,260 400		18.00 457.2	48.00 1219.2	13.00 330.2	12.00 304.8	3.00 76.2	49.25 1251.0
600,800		24.00 609.6	63.00 1600.2	17.50 444.5	18.00 457.2	3.00 76.2	64.25 1632.0
		G	H				
30,70,104, 150,200	3	0.62 15.7	0.43 Ø10.9				
225,260 400		0.62 15.7	0.43 Ø10.9				
600,800		0.62 15.7	0.43 Ø10.9				

TYPE 3R,4, AND 12 ENCLOSURES FOR AUTOMATIC TRANSFER SWITCHES WITH OPTIONAL SWITCHING NEUTRAL POLE OR OVERLAPPING NEUTRAL							
AMP SIZE	FIG NO	DIMENSIONS					
		A	B	C	D	E	F
30,70, 104,150	3	17.50 444.5	32.50 825.5	11.62 295.1	11.50 292.1	3.00 76.2	33.75 857.3
225,260 &400		18.00 457.2	48.00 1219.2	13.00 330.2	12.00 304.8	3.00 76.2	49.25 1251.0
600 & 800		30.00 762.0	63.00 1600.2	17.50 444.5	24.00 609.6	3.00 76.2	64.25 1632.0
		G	H				
30,70, 104,150	3	0.62 15.7	0.43 Ø10.9				
225,260 &400		0.62 15.7	0.43 Ø10.9				
600 & 800		0.62 15.7	0.43 Ø10.9				

APPROXIMATE SHIPPING WEIGHT, LBS (KG)  
(WEIGHT INCLUDES TRANSFER SWITCH & CONTROLS)

AMP SIZE	POLES	WEIGHT	
		TYPE I	TYPES 3R,4 & 12
30, 70 & 104	2	67 (31)	82 (37)
	3	70 (32)	85 (38)
150 200	2	69 (32)	84 (38)
	3	72 (33)	87 (39)
225,260, 400	2	117 (53)	132 (60)
	3	125 (57)	140 (63)
600 & 800	2	250 (114)	250 (114)
	3	260 (118)	260 (118)

SIZES OF UL LISTED SOLDERLESS SCREW TYPE  
TERMINALS FOR EXTERNAL POWER CONNECTIONS

SWITCH RATING (AMPS)	RANGE OF AL-CU WIRE SIZES
30-104	ONE #14 TO 2/0 AWG
150	ONE #8 TO 3/0 AWG
200	ONE #8 TO 3/0 AWG <b>COPPER ONLY</b>
225,260,400	TWO #1/0 AWG TO 250 MCM OR ONE #4 AWG TO 600 MCM
600,800	THREE #2 AWG TO 600 MCM

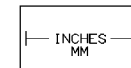
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DFTG APVL		
ENGR APVL	SDH 4/95	

**COMPOSITE ENCLOSURE OUTLINE  
AND MOUNTING DIAGRAM FOR  
2 & 3 POLE W/WO NEUTRAL  
30 THROUGH 800 AMPS  
ASCO® SERIES 300  
AUTOMATIC TRANSFER SWITCHES**

CATALOG NO. \_\_\_\_\_  
CERTIFIED  
TO **ASCO**® S. G. \_\_\_\_\_  
DATE \_\_\_\_\_ BY \_\_\_\_\_



145463	SEE ECN	B	8/97	YZ
144041	SEE ECN	A	4/97	YZ
134244	ISSUED	-	3/95	SDH
ER NO	ITEM CHGD	CHG	DATE	APVL
DS 497148				
CHG LTR	B			