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GENERAL NOTES

- WALL MOUNTED ENCLOSURE.
TYPE 1 (C) CONSTRUCTED FROM CODE GAUGE STEEL.
FINISH: ANSI 61 GRAY POLYESTER SEMI GLOSS ELECTROSTATIC POWDER.
- DOOR EQUIPPED WITH A KEY LOCKING HANDLE
- DESIGNED FOR FRONT ACCESS.
- RECOMMENDED CLEARANCES: FRONT: 36" [914.40mm] REAR: NONE.
-  CENTER OF GRAVITY
- APPROXIMATE SHIPPING WEIGHT: 110 LB [50 KG].

TRANSFER SWITCH

- D FRAME AUTOMATIC TRANSFER SWITCH.
- TRANSFER SWITCH RATING: 30 AMPS, 70 AMPS, 100 AMPS, 150 AMPS, 200 AMPS, 230 AMPS.
WITHSTAND AND CLOSING RATING WHEN PROTECTED BY A CIRCUIT BREAKER WITHOUT AN ADJUSTABLE SHORT TIME RESPONSE.
30A-200A: MAXIMUM 0.025 SECONDS, 10,000 RMS SYM @ 240V, 480V, 600V.
230A: MAXIMUM 0.025 SECONDS, 10,000 RMS SYM @ 240V, 480V.
- A FULL RATED NEUTRAL CONNECTION FOR EACH SOURCE AND THE LOAD IS OPTIONAL.
WHEN PROVIDED IT IS IN ONE OF THE FOLLOWING FORMATS.
A. SOLID NEUTRAL
B. SWITCHED NEUTRAL POLE
- UL 1008 OR CSA C22.2 No. 178.1

TERMINATIONS 30A-150A

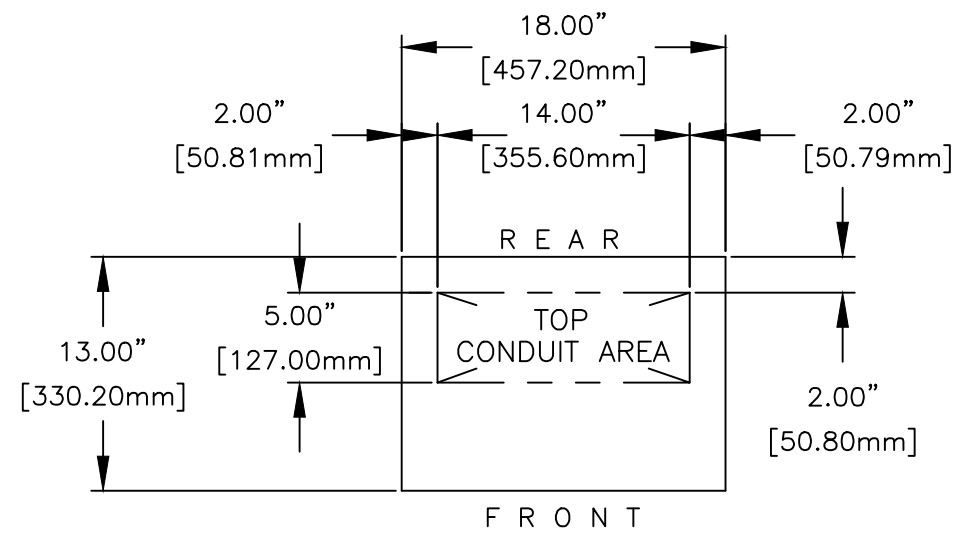
- MECHANICAL (SCREW TYPE) LUGS FOR CU/AL CABLE.
SOURCE 1 (NORMAL): (1) #10-4/0 [6-120mm²] PER PHASE & NEUTRAL
LOAD: (1) #10-4/0 [6-120mm²] PER PHASE & NEUTRAL
SOURCE 2 (EMERGENCY): (1) #10-4/0 [6-120mm²] PER PHASE & NEUTRAL
GROUND: (3) #14-1/0 [2.5-50mm²]
A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER NEC.
- SWITCH MAY BE SUPPLIED WITHOUT LUGS.
- OPTIONAL LUGS MAY BE SUPPLIED (MAY AFFECT ENCLOSURE SIZE).

TERMINATIONS 200A-230A (COPPER CABLE ONLY)

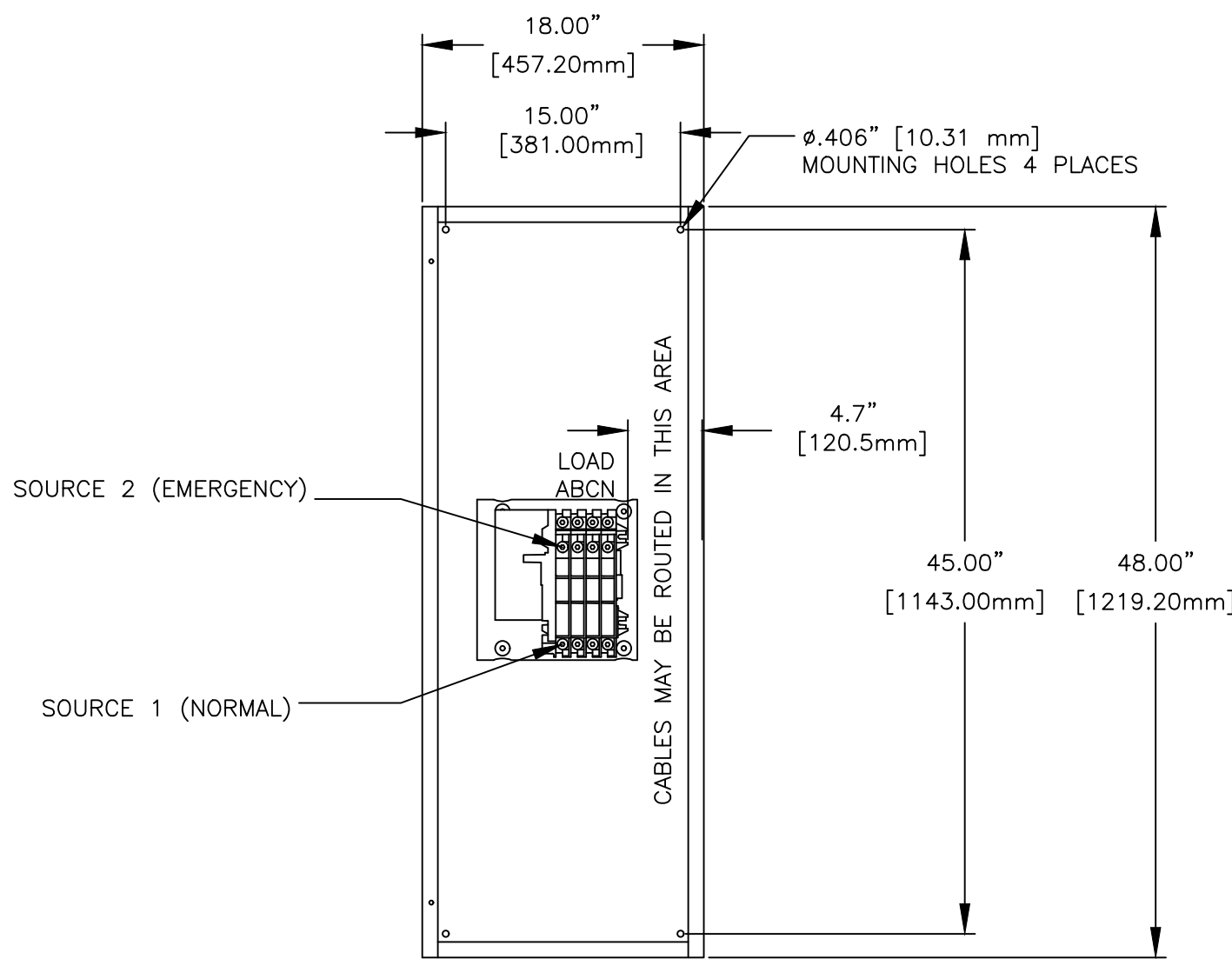
- MECHANICAL (SCREW TYPE) LUGS FOR CU CABLE.
SOURCE 1 (NORMAL): (1) #4-4/0 [25-120mm²] PER PHASE & NEUTRAL
LOAD: (1) #4-4/0 [25-120mm²] PER PHASE & NEUTRAL
SOURCE 2 (EMERGENCY): (1) #4-4/0 [25-120mm²] PER PHASE & NEUTRAL
GROUND: (3) #6-250 [16-120mm²]
A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER NEC.
- SWITCH MAY BE SUPPLIED WITHOUT LUGS.
- OPTIONAL LUGS MAY BE SUPPLIED (MAY AFFECT ENCLOSURE SIZE).

WIRING/CABLING

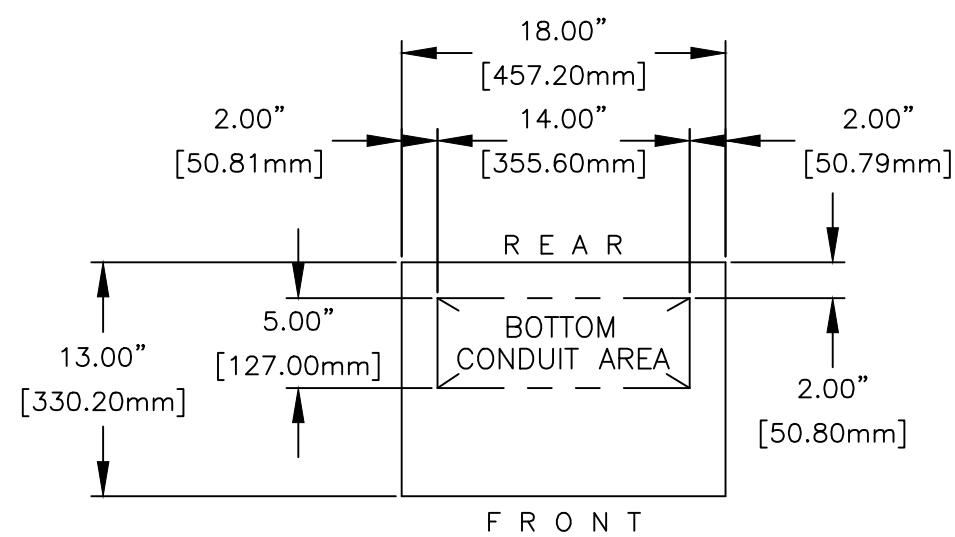
- USE 75°C MINIMUM CU/AL WIRE FOR POWER CABLES.
- USE 60°C MINIMUM CU WIRE FOR CONTROLS.



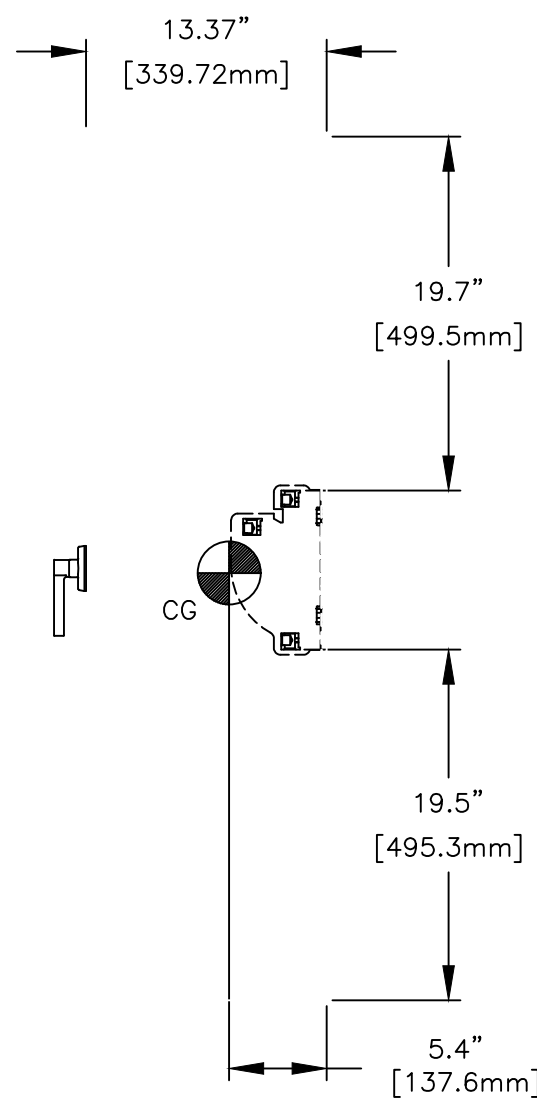
TOP VIEW



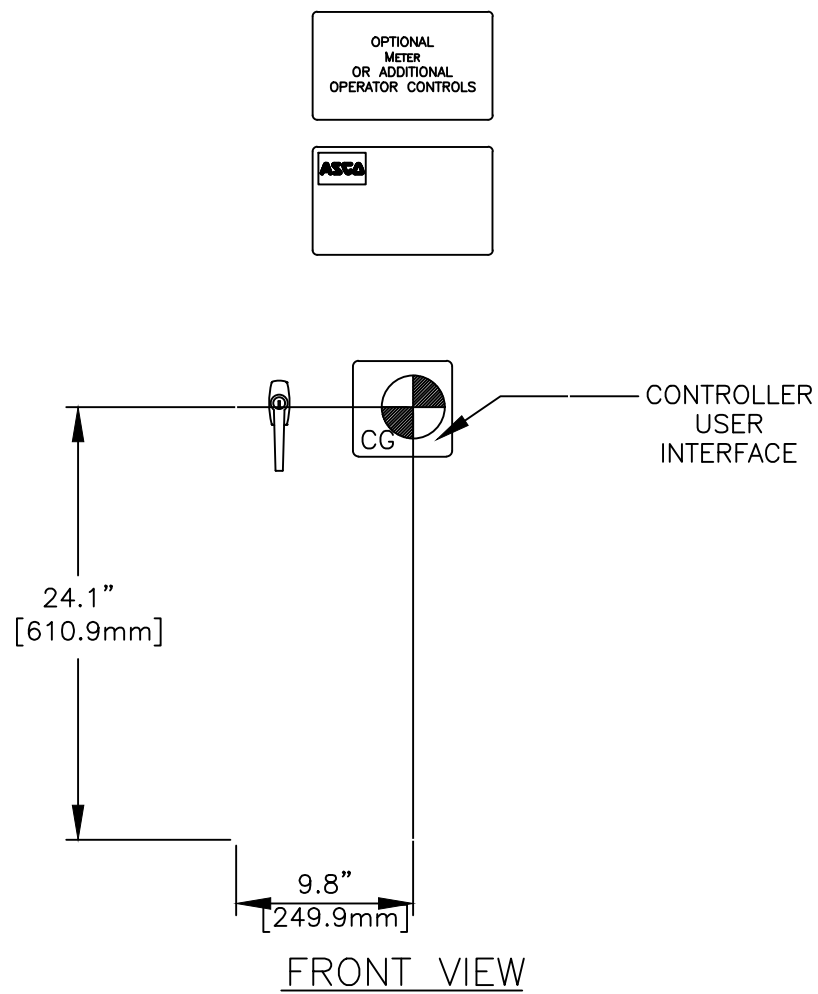
FRONT VIEW
WITHOUT DOOR



PLAN VIEW



SIDE VIEW



FRONT VIEW

H	302560	SV	03-17-23	
	SEE ECN			
G	289440	TR	MM	05/19/21
	SEE ECN			
REV. TO SHEET	ECN NO.	BY	APP.	DATE
PROJECT NAME: MOUNTING				
OUTLINE				
DATS 30A-230A				
TYPE 1 48 X 18 X 13				
DRAWN BY	BY	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-I-003. FOR PLASTIC PARTS SEE MP-I-055	
CHECKED	SV	03-17-23	ASSEM. REF. NO.	
PROJECT APPROVAL			PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	
FINAL APPROVAL			COMPUTER GENERATED DRAWING	
			SCALE 3/32" = 1" SIZE	DS
			DWG. NO. 719687	
			ASCO [®] ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.	
			DRAWING REV. H	ECN NO. 302560
			SHEET 1 OF 1	