

D

C

B

A

D

C

B

A

GENERAL NOTES

- FLOOR MOUNTED ENCLOSURE.
TYPE 3R (F) CONSTRUCTED FROM CODE GAUGE STEEL.
TYPE 12 (L) CONSTRUCTED FROM CODE GAUGE STEEL.
FINISH: ANSI 61 GRAY POLYESTER SEMI GLOSS ELECTROSTATIC POWDER.
- EXTERIOR DOOR HAVE PADLOCKABLE HASP & STAPLE.
- DESIGNED FOR FRONT ACCESS.
- RECOMMENDED CLEARANCES: FRONT: 36" [914.40mm] REAR: NONE.
-  CENTER OF GRAVITY.
- APPROXIMATE SHIPPING WEIGHT: 601 LB [272.5 KG].
- ACCESSORY 40, OPTIONAL LOAD AND SOURCE LOCATIONS IS AVAILABLE ON SERIES 7000 ONLY.

TRANSFER SWITCH

- H FRAME AUTOMATIC TRANSFER SWITCH.
- TRANSFER SWITCH RATING: 600 AMPS, 800 AMPS, 1000 AMPS.
WITHSTAND AND CLOSING RATING WHEN PROTECTED BY A CIRCUIT BREAKER WITHOUT AN ADJUSTABLE SHORT TIME RESPONSE,
MAXIMUM 0.05 SECONDS: 50,000 RMS SYM @ 240V, 480V, 600V.
WITHSTAND AND CLOSING RATING WHEN PROTECTED BY A CIRCUIT BREAKER WITH AN ADJUSTABLE SHORT TIME RESPONSE,
MAXIMUM 0.30 SECONDS: 36,000 RMS SYM @ 240V, 480V, 600V.
- 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
C. OVERLAPPING NEUTRAL POLE (NOT AVAILABLE ON ADTS & ACTS UNITS)
- UL 1008 OR CSA C22.2 No. 178.1

TERMINATIONS 600A

- MECHANICAL (SCREW TYPE) LUGS FOR CU/AL CABLE.
SOURCE 1 (NORMAL): (2) 1/0-600MCM [50-300mm²] PER PHASE & NEUTRAL
LOAD: (2) 1/0-600MCM [50-300mm²] PER PHASE & NEUTRAL
SOURCE 2 (EMERGENCY): (2) 1/0-600MCM [50-300mm²] PER PHASE & NEUTRAL
GROUND: (6) #2-600MCM [35-300mm²]
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 800A - 1000A

- MECHANICAL (SCREW TYPE) LUGS FOR CU/AL CABLE.
SOURCE 1 (NORMAL): (4) 1/0-600MCM [50-300mm²] PER PHASE & NEUTRAL
LOAD: (4) 1/0-600MCM [50-300mm²] PER PHASE & NEUTRAL
SOURCE 2 (EMERGENCY): (4) 1/0-600MCM [50-300mm²] PER PHASE & NEUTRAL
GROUND: (12) 1/0-600MCM [50-300mm²]
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 90°C MINIMUM CU/AL WIRE FOR POWER CABLES.
- WIRE SIZE TO BE BASED ON AMPACITY OF 75°C WIRE.
- USE 60°C MINIMUM CU WIRE FOR CONTROLS.

PROJECT NAME:		U		302562		SV		03-17-23	
		T		289440		TR		MM	
								05/19/21	
REV. TO SHEET		ECN NO.		BY		APP.		DATE	
OUTLINE		MOUNTING							
HATS 600A - 1000A									
TYPE 3R/12 75 X 34 X 20									
DRAWN BY		BY		DATE		MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-I-003. FOR PLASTIC PARTS SEE MP-I-055		ASSEM. REF. NO.	
CHECKED		SV		03-17-23					
PROJECT APPROVAL									
FINAL APPROVAL									