

PHYSICAL INSTALLATION

1 POSITION INVERTER ENCLOSURE IN 19" RACK AND SECURE WITH 12-24 SCREWS AND HARDWARE (4 PLACES).

GENERAL NOTES:

- 1 ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DIMENSIONS WITHIN BRACKETS [] ARE IN CENTIMETERS.
- 2 WIRE SYSTEM AS INDICATED IN THE FOLLOWING PAGES.

MECHANICAL DATA

WEIGHT: 30 Lbs [13.6 kg]

SIZE: SEE DRAWING AT LEFT
PAINT: SHERWIN WILLIAMS No. F63 A 33
COLOR: GRAY

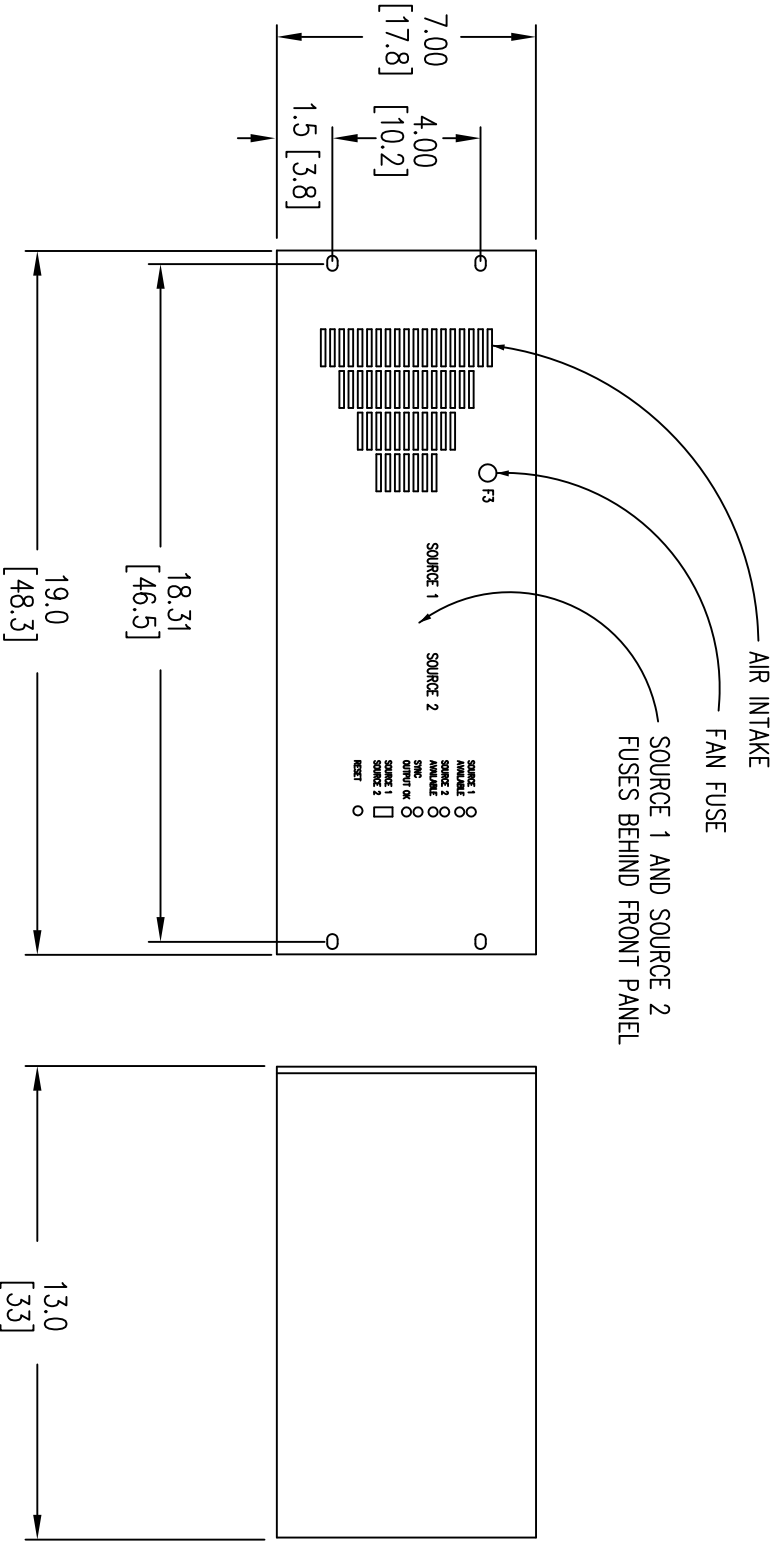
THERMAL DATA

HEAT DISSIPATION @ 100% LOAD
● .8 LAGGING pf
853 BTU MAX.

COOLING: FAN ASSISTED
OPERATING AMBIENT= 32°F TO +104°F
(0°C TO +40°C)

ENVIRONMENTAL DATA

NEMA 1= INDOOR DUTY, OPEN VENTILATED, NONCORROSIVE, CONTROLLED
ENVIRONMENT PER UL1778, DOES NOT PREVENT ENTRY OF DUST.
HUMIDITY RANGE: 0 TO 95% NON-CONDENSING
ALTITUDE DERATING: NONE BELOW 7000 FT.
10%/1000 FT. ABOVE
AUDIBLE NOISE: 35dB(A), 5 FT. IN FRONT OF UNIT, 4 FT. FROM FLOOR.

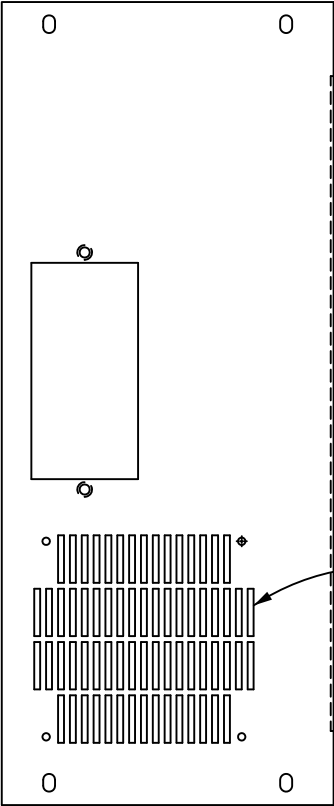


INSTALLER CONNECTIONS
125A, 1 POLE STATIC SWITCH

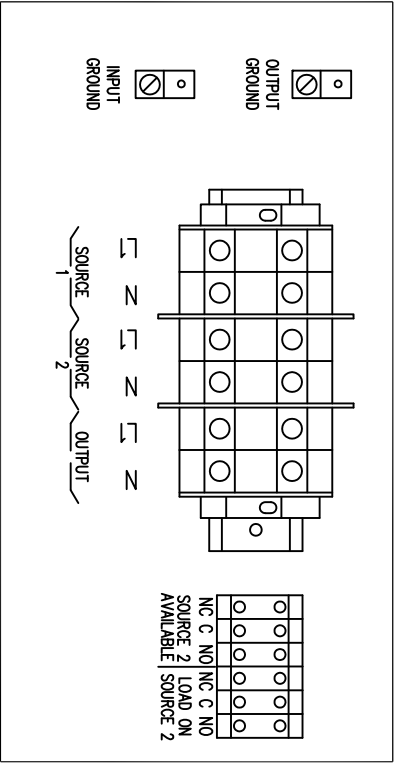
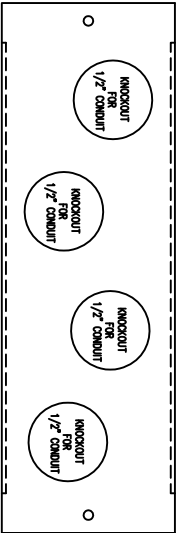
DESIGN		DATE		
DRAWN	WALLACE	DATE	IC4866-585	
CHKD		DATE		
APPD	R.J.MOROG	DATE	SHEET 1 OF 3	
			ISSUE	

AIR EXHAUST VENTS
PROVIDE MINIMUM 12"
SPACE AT REAR OF SWITCH.

BACK OF ENCLOSURE



COVER PLATE



TERMINAL WIRE RANGE: 8 AWG TO 1/0 AWG COPPER CONDUCTOR
GROUND LUG WIRE RANGE: 14 AWG TO 1/0 AWG COPPER CONDUCTOR

AC INPUT VOLTAGE	CONNECT TO	OUTPUT	CONNECT TO
120V	L1 & (N NEUTRAL)	120V	L1 & (N NEUTRAL)

NOTE 4

FUSE DISCONNECT
OR CIRCUIT
BREAKER
PROTECTION

AC SOURCE 1 INPUT (HOT)

AC SOURCE 1 INPUT (NEUT)

NOTE 4

AC SOURCE 2 INPUT (HOT)

AC SOURCE 2 INPUT (NEUT)

NOTE 4

SOURCE 1

L1

N

SOURCE 2

L1

N

SOURCE 1
VOLTAGE
DETECTOR

SOURCE 2
VOLTAGE
DETECTOR

SYNC
DETECTOR

SOURCE
SELECT

output (HOT)

output (NEUT)

output (L2)

NOTE 4

FUSE DISCONNECT
OR CIRCUIT
BREAKER
PROTECTION

SOURCE 2 AVAIL. ON SOURCE 2
NC COMM NO. NC COMM NO.

NOTE 5

- | SIZE | SPEC. No. | AC SOURCE 1 AND 2 INPUTS | | | | | | OUTPUT | | | | | | | |
|---------|-----------|--------------------------|--------------------|----------------|----------|-------------|---------------|-------------------|----------------|--------------------------|----------------|----------|-------------|------------------|---------------|
| | | TERM. No. (L1, N) | | | | | | TERM. No. (L1, N) | | | | | | | |
| | | AC INPUT | MAX. INPUT CURRENT | TERM. CAPACITY | TORQUE | RECOM. SIZE | RECOM. FUSING | RECOM. GRD. SIZE | OUTPUT VOLTAGE | FULL LOAD CURRENT (AMPS) | TERM. CAPACITY | TORQUE | RECOM. SIZE | RECOM. GRD. SIZE | RECOM. FUSING |
| 125 AMP | 4866-585 | 120 | 125 AMPS | 8-0 AWG | 35 IN/LB | 1 GA | 150A | 6 GA. | 120V | 125 AMP | 8-0 AWG | 35 IN/LB | 1 GA | 6 GA. | 150 AMP |