

INSTALLATION INSTRUCTIONS FOR OPTIONAL 515F INLET FOR PRO/TRAN 2® MODEL 104B1

WARNING: MAKE SURE POWER COMING FROM ALL POWER SOURCES, SUCH AS GENERATOR AND UTILITY POWER, HAVE BEEN TURNED OFF. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR DEATH.

WARNING: WHEN USING THIS PRODUCT WITH A PORTABLE GENERATOR, DO NOT OPERATE THE GENERATOR INDOORS OR IN AN ENCLOSED AREA. DO NOT OPERATE A GENERATOR WHERE THE EXHAUST FUMES CAN ACCUMULATE INDOORS OR IN AN ENCLOSED AREA LIKE A GARAGE OR CLOSE TO WINDOWS OR DOORS. THESE EXHAUST FUMES CAN CAUSE INJURY OR DEATH.

IMPORTANT: READ THE INSTALLATION INSTRUCTIONS FOR A COMPLETE OVERVIEW AND FURTHER DETAILS CONCERNING INSTALLATION AND OPERATION OF THESE MODELS. THE FOLLOWING ADDITIONAL INSTRUCTIONS AND INFORMATION APPLY TO THE 515F POWER INLET. THIS INLET ALLOWS A CORD CONNECTION TO BE MADE DIRECTLY TO THE PRO/TRAN 2® TRANSFER SWITCH.

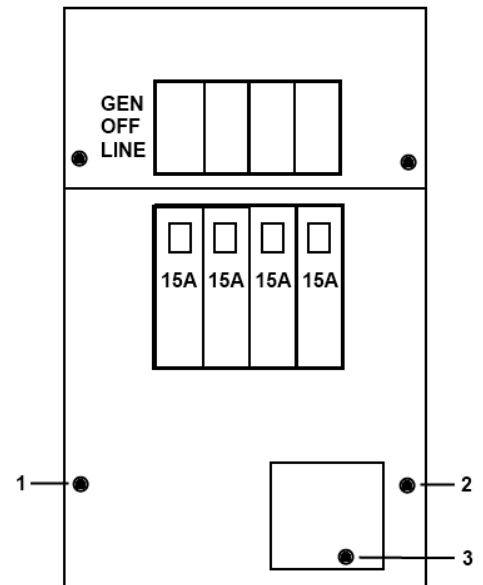
INCLUDED HARDWARE:

A. INLET WIRING ASSEMBLY CONSISTING OF THE FOLLOWING:

1. NEMA 5-15F FLANGED INLET
2. WAGO® 3-WAY WIRE CONNECTOR
3. 6" BLACK WIRE
4. 6" GREEN WIRE

B. EXTRA SCREWS

- 1) IF WIRES COMING FROM A POWER INLET BOX OR OTHER ALTERNATE POWER SOURCE SUCH AS A GENERATOR ARE CONNECTED TO THE TRANSFER SWITCH, DISCONNECT AND PROPERLY TERMINATE OR REMOVE THEM FROM THE WIRING COMPARTMENT.
- 2) REMOVE THE INLET HOLE COVER ON THE DEAD FRONT (SCREW 3).
- 3) REMOVE SCREWS 1 AND 2.
- 4) REMOVE DEAD FRONT COVER AND ATTACH 515F INLET WIRING ASSEMBLY.



NOTE: ONCE THE WIRES ARE PUSHED INTO THE WAGO CONNECTOR TERMINALS, THEY WILL NOT COME OUT.

5) LOCATE THE 10 GAUGE BLACK AND RED WIRE (1 EACH) IN THE TRANSFER SWITCH COMPARTMENT AND CONNECT THEM TO THE WAGO 3-WAY WIRE CONNECTOR, INTO THE TWO REMAINING TERMINALS (THE 6" BLACK WIRE BEING PRECONNECTED TO THE OTHER TERMINAL). PUSH THE WIRES INTO THE TERMINALS, THERE MAY BE A CLICKING OR SNAPPING SOUND OR FEEL AS THE WIRES ARE PUSHED IN. ENSURE THEY WILL NOT PULL OUT OF THE CONNECTOR.

6) FINISH WIRING THE POWER INLET, THE BLACK 6" WIRE AND GREEN 6" WIRE ARE ALREADY CONNECTED. LOCATE THE WHITE NEUTRAL IN THE TRANSFER SWITCH WIRING COMPARTMENT AND CONNECT THIS TO THE LAST POWER INLET TERMINAL (SILVER SCREW) MAKING SURE NO INSULATION IS UNDER THE TERMINAL CLAMPS AND THE SCREWS ARE TIGHTENED FIRMLY TO 12 IN-LBS.

Do Not Solder The Ends Of The Wire (If the terminals are not marked, use the screw to identify the terminals)

BLACK WIRE LEAD:	TO POWER INLET TERMINAL MARKED "X" (GOLD-PLATED SCREW)
WHITE WIRE LEAD:	TO POWER INLET NEUTRAL TERMINAL MARKED "W" (NICKEL-PLATED SCREW)
GREEN WIRE LEAD:	TO POWER INLET TERMINAL MARKED "GR" (GREEN SCREW)

7) THE OTHER END OF THE 6" GROUND WIRE THAT IS CONNECTED TO THE INLET GROUND TERMINAL SHOULD NOW BE CONNECTED TO THE TERMINAL ON THE INSIDE OF THE CABINET UNDER THE GREEN SCREW WHERE ANOTHER GREEN GROUND WIRE IS CONNECTED THAT ROUTES OUT THE CONDUIT WITH OTHER WIRES. THIS GREEN SCREW WITH A TERMINAL PLATE ON THE CABINET WILL THEN HAVE BOTH GROUND WIRES CONNECTED TO IT.

FINISH: REATTACH THE DEAD FRONT COVER BY SECURING SCREWS 1 AND 2 AFTER THE 515F INLET IS WIRED AND GROUND CONNECTION TO THE CABINET IS MADE

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