

RELIANCE PRO/TRAN® SIGNA™ SERIES TRANSFER SWITCH

MODEL NO: **C30A1LN**

ELECTRICAL RATING: 30 Amps., 125 VAC, 50/60 Hz.

5 KA SHORT CIRCUIT WITHSTAND TYPE 3 ENCLOSURE

SUITABLE FOR USE IN ACCORDANCE WITH ARTICLE 702 OF THE NATIONAL ELECTRICAL CODE, ANSI/NFPA 70. THIS PRODUCT MEETS OR EXCEEDS ALL REQUIREMENTS OF UL1008 STANDARD FOR TRANSFER SWITCHES.

WIRING

IMPORTANT: 1. DISCONNECT ALL ELECTRICAL SUPPLY SOURCES BEFORE INSTALLATION AND WHEN SERVICING CONNECTED EQUIPMENT OR CIRCUITS. 2. POWER TO THIS TRANSFER SWITCH MUST BE SUPPLIED THROUGH A SUITABLE OVERLOAD PROTECTION DEVICE.

Remove the two screws that hold the front plate in place, and tilt the front plate forward.

Four color-coded wire leads are provided. They are to be connected as follows:

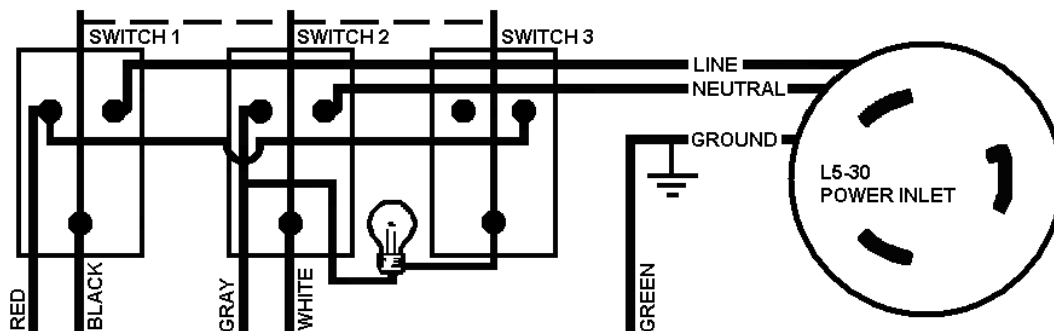
RED: To utility power circuit breaker, 30 A max, 125 VAC.

BLACK: To load, 125 VAC

GRAY: To incoming utility neutral

WHITE: To load neutral.

GREEN: To ground bar or terminal.



Replace front plate when wiring is completed.

USING THE RELIANCE TRANSFER SWITCH WITH A GENERATOR

THIS RELIANCE TRANSFER SWITCH IS NOT FOR "DO-IT-YOURSELF" INSTALLATION. Installer must be thoroughly familiar with electrical wiring systems. This Reliance Transfer Switch is designed to provide, in the event of a utility power outage, a safe and simple method of powering a single 125 volt circuit from a portable generator with a 125 VAC output. The SPDT selector switch will feed the circuit load from either the utility or the generator, and prevent backfeeding of one source from another.

KEY COMPONENTS OF THE TRANSFER SWITCH

POWER SELECTOR SWITCH. Selects either "LINE" (utility) or "GEN" (generator) as the source feeding the circuit load.

POWER INLET. NEMA L5-30 configuration. Inputs power from the portable generator.

LIGHT SWITCH. Controls the light that indicates the return of utility power. Tied to selector switch(s) so the light is OFF when the selector switch is in the "LINE" position and "ON" when the selector switch is in the "GEN" position.

NEUTRAL SELECTOR SWITCH: Selects either "LINE" (utility) neutral or "GEN" (generator) neutral for the return of power to the source.

TRANSFERRING FROM UTILITY POWER TO GENERATOR POWER

1. Move the selector switch handle to the "OFF" or "LINE" position.
2. Insert the male power cord plug into the appropriate outlet on the generator. If locking receptacle is used, rotate to lock.
3. Insert the female power cord connector into the power inlet located on the lower face of the transfer switch. Rotate to lock.
4. Start the generator, following the procedures described in the generator owner's manual furnished by the generator manufacturer.
5. Move the selector switch knob to the "GEN" position to energize load from generator.

TRANSFERRING FROM GENERATOR POWER BACK TO UTILITY POWER

1. Move the selector switch handle to the "LINE" position to energize load from utility.
2. Follow the procedures in the generator owner's manual to turn off the generator.
3. Disconnect the power cord.



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