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GenTran 20216 manual transfer switch

Page last updated on 09/09/2019 2016 This item has been terminated and is no longer available. FOR ALTERNATIVE SEE 20216A OR 20216V. CLICK on the thumbnail image above to increase manual transmission Switch surface mount Easy to install and manage, connects portable generator residential load center. Allows you to manually move individual loads to avoid overload generator. Each individual chain can be transmitted separately and only to the extent necessary. The 2002 Article 702(6) of the National Electricity Code in order to avoid accidental supply of electricity from a generator to a utility system which may pose a safety risk. 6 chains of 120 volts per pole or 4 one-pole chain of 120 volts plus 1 double pole 240 volt circuit, 15 amps maximum per chain, 40 amps maximum total load at 125 volts or 20 amps maximum total load at 250 volts. Each circuit with a non-defeat (break-before-make) double throw switch is protected by a resettable circuit breaker. Twist lock for men's L1420P power inlet cable connection to generator, 5000 watts maximum. Double watt counters provide a balancing generator load with a convenient socket that is alive under the power of the generator. The 3/4 x 18 inch flexible pipe is pre-wired for easy connection to the existing residential cargo center panel. Installs for less than an hour without pulling the power meter or installing the sole panel. Only suitable for chains protected by up to 20 amp breakers or fuses. ul list and CSA certified. NEMA 1 inner surface holder. Exclusive Gen/Tran® 24-month warranty. See Gen/Tran® Instruction Book. Made in USA Specifications Total Capacity 5000 watts, 20 amps single pole chain - 120VAC (4) 15 amp Double pole chain - 240VAC (1) 15 amp with handle tie generator Connector NEMA L1 420P men inlet plug generator Load Watt Meters Yes Housing type indoor surface mounted Convenience Tank Yes UL list UL98 (this product should be installed before another NEC is issued in 2005) 000 amper customers, who bought this product also ordered. (click on the underlined words, to see the product pages) Cordset Generator RJB12410 or RJB12425 Straight Blade Plug Modification for Generators Without Twist-lock Cache MOD6-20P Item Number: 20216 Price List Price: \$335.95 Your price: \$220.00 \$159.00 Delivery weight: 10 lbs. Dimensions H x W x D (inches) : 7-1/2 x 7 x 4-1/2 This item usually ships within 1 working day from the acceptance of the order. The delivery will be added according to your zone and item weight. Click here to view our current shipping tariff table. Delivery is lower when multiple items are combined on the same order. Are you ready for another power outage? We Your feedback or questions, Click here to contact us. Please review our terms and conditions before using the information or ordering from this website. Copyright © 1999-2020 NoOutage.com LLC. All rights reserved ID: 12355 Thank you for our exciting service. We are a non-profit group that runs this site to share documents. We need your help to oversee this site. To make our website operational, we need your help to cover the cost of our server (about \$400/m), a small donation will help us a lot. Please help us share your services with your friends. This item does not belong to this page. Thanks, we'll look at this. Transfer Switches A Gen/Tran® manual transfer switch is the key to safe and convenient standby mode for portable generators. By isolating these circuits using generator power, the transmission switch eliminates the risk of dedication of electrical efficiency, which can injure workers and damage property. By installing a Gen/Tran® transfer switch or Transpanel™ transmission panel in your breaker box and connecting a portable generator transfer switch, you can run on selected devices such as the furnace, well pump (which can not be run with standard extender wires), sump pump, refrigerator, TV, computer, printer or lighting circuit during power outage, depending on your generator capacity. Since many home standby generators can not handle all these loads at the same time, the transfer switch allows you to manually transfer each of these loads separately when you need them. Tips for properly installing your generator: Always run your generator in a ventilated area outdoors. DO NOT use your portable generator in an enclosed room, such as a basement or garage. This can lead to exhaust gases that can cause injury or death. DO NOT connect the generator directly to the power panel. This can cause serious injury and damage if the main power is restored while the generator is running. Use the UL list for the transmission switch between the electric panel and the portable generator. If you are not using the transmission switches listed in UL, the installation of your generator can cause wire hazards and serious injuries. Exercise generator and transfer switch once a month to ensure operation when you actually need it. Follow the instructions provided for the safe operation of the portable generator manufacturer. WHY YOU NEED GEN/TRAN® HANDHELD SWITCH GEN/TRAN transmission switches and accessories provide an easy, affordable way to feed power from a portable generator to a home or business during an emergency or interruption. This is the original transmission switch! UL-listed, CSA certified, safe Easy to install for about an hour Fully Pre-Wired Easy to Run Full Line Accessories to accommodate any configuration Made in the U.S. 17 years records More than 500,000 units installed so far 18 months warranty against mechanical or electrical failures Gen/Tran products are: Safe. The double throw switch action in each circuit keeps the generator's power insulated from utility power all the time. It's eliminates utility hazards and cause damage to repair crews, as well as prevent utility power from the power generator and cause damage or injury. Injury. Install. Gen/ Tran® transfer switch or panel is installed near your house's electric panel. You can choose which chains you want to use during the explosion. Since each Gen/Tran switch comes completely pre-wired, the installation can be done in about an hour. (Professional installation is recommended.) Easy to use. When your power comes out, start your generator outdoors. Connect the power cord between the generator and Gen/Tran® transfer switch/panel or rain power inlet box. Then turn the switches for Gen/Tran transfer switches from Line to Gen in the circuits you want to use. High quality. With over 16 years of experience, we provide the quality you've come to expect from the nation's largest manufacturer of transmission switches and accessories. Each component is made according to strict specifications and pre-assembly testing. Each completed transfer switch is then carefully tested before the factory is shipped. This level of quality is based on an exceptional guarantee of 18 months. Plus, Gen/Tran offers the widest selection of products. Gen/Tran makes a wide range of transmission switches, transmission panels and full line accessories to adapt to any configuration. Frequently asked questions What is a generator transfer switch and why do I need it? The transfer switch is the key to the safe and convenient operation of portable generators for backup power. The hand-held transmission switch isolates those circuits using generator energy during disconnection and eliminates the risk of power efficiency, which can injure utility workers and damage property. Using the transmission switch, backup power also eliminates the need to run extenders around the house or office to control certain devices. Are Gen/Tran transmission switches automatic? No. They are manual transfer switches for the homeowner or small business owner to use with a 5000-8000 watt standby generator. Are Gen/ Tran transmission switches pre-wired? So. Each Gen/Tran hand transfer switch comes completely pre-wired with red and black wire for each circuit, plus white neutral and green ground wire. The 6-circuit unit has a total of 14 wires, while 10 contour units have a total of 22 wires, etc. Gen/Tran Transpanel models are not pre-wired. I want to connect my well pump to my generator through the transmission switch. How many 2-pole circuits (commonly known as 220, 230 or 240 volts) are provided for in each Gen/Tran transmission switch? The 6 chain models #20216 and #30216 can be configured for use in one chain of 240 volts per (1) chain of 2 poles and with one (1) handle tie. 8 circuit #30508 can be configured up to four (4) 2-pole breakers, and one (1) handle tie is. 10 chains of the model #302110 can be configured up to five (5) 2 poles and two (2) handle ties. Additional handle ties can be purchased from the factory for \$1 each. If 240 volts are not required, the handle tie(s) may be removed Throw away. What type of connection is required to connect the generator to my Gen/Tran transfer switch or power inlet box? Requires 4 wires, twistlock connector. Gen/Tran produces rubber power cords with a single end male connector and a female connector at the other end. The 12-size wire is required for 5000 watt models, while 7500 watt models require a size 10 wire. Can I use the Gen/Tran transmission switch in any 20 amps chain in my home? So. The switches and wires of each transmission switch are evaluated in 20 amps. However, in generator mode, each circuit is limited to 15 amps. NOTE: Since mid-May 1999, we have started production using 20 amp breakers on circuits equipped with handle ties (2-pole breakers) in each of the newly manufactured Gen/Tran transmission switch models 30508 and 302110 ONLY. These chains must be connected to 20 amps of chains on the home panel. The 30,508 will have a total of two 20 amp breakers and six 15-amp breakers, and 302,110 will have four 20-amp breakers and six 15-amp breakers. No other Gen/ Tran models will currently be produced with 20 amp breakers. What is the maximum load on each leg? The wattmeters of each Gen/Tran transmission switch allow you to balance the load on each LEG to measure how much capacity is used and maximize the generator's performance. 20 amps 6 circuit #20216, 5000 watt unit 30 amps 6 circuit #30216, 7500 watt unit 30 amps 10-circuit #302110, 7500 watt unit 30 amps 8 circuit #30508, 7500 watt unit 15 amps from TOTAL 4 circuit #15114, 1875 watt unit (only one foot) Can I connect my water heater, electric sphere, or central air conditioner/heat pump gen/tran transmission switch?No. 30 amper circuit elements, such as water heater, central air conditioner or electric current, attract too much current, which exceeds the switches of standard gen/tran switch switches. When trying to start these devices can burn the wires, weld switches, travel circuit breakers, and will cancel the warranty. NOTE: If your device requires one or more of these items to be powered, install Gen/Tran® Transpanel™ high capacity transmission panel. Which power inlet box can be used with each Gen/Tran transfer switch? Transmission switch power inlet box: 15114 515 20216 L1420 30216 L1430 30508 L1430 302110 L1430 Can I hard cord my Gen/Tran transmission switch instead of power cord? Gen/Tran now offers an 8-circuit, 7500 watt unit, model #30508, suitable for hard wires. A qualified electrician may be able to install other standard transmission switches in hardwire configuration, but this will void ul and CSA lists, so the Gen/Tran warranty will be voided. In addition, if an accident occurs with a device that has been not properly installed (delete ul this may eliminate any insurance claim lodged after an accident. Can I use a generator with power exceeding the power in the gen/ tran transmission switch? So. As long as you do pull more than the maximum power in generator mode at the same time, which is greater than the maximum power. Two wattmeters can help you determine how much power you use, and can help you balance the load on each leg in generator mode. Pulling more than rated power over the Gen/Tran transmission switch will burn watters, burn neutral wire, and can overheat the main wiring transmission switch, which can cause a fire. What happens when utility power is restored? Once your utility power is restored, other lights and appliances in your home (not connected to the generator power) will turn on, warn you to go to the Gen/Tran transmission switch and flip the switches back into LINE mode and turn off your generator. Since those circuits using generator energy are insulated from the rest of the house, there is no risk that the power of utilities will be restored. How long does it take to install the Gen/Tran transfer switch? About an hour a qualified electrician familiar with the electrical codes of residential wiring. If installed with the power inlet box, the installation may take a little longer. Since each device is pre-wired, the installer simply has to determine which circuits will be needed during the emergency/disconnection, wire each set of wires in the transmission circuit to those circuits, install neutral and ground and test the device under load. Why are generators rated in watts when most power tools are labelled with amps? Generators are rated power in watts, taking in amps of both 120 and 240 volts. NOTE: Volts x Amps = Watts (ie: 10 amp motor x 120 volts = 1200 watts continuous + initial watts) OR Watts/Volts = Amps. Where can I find a 200 amp double pole, double-throw switch? Gen/Tran doesn't mean that way to go. To install this type of switch, it is necessary during installation that your local tool pulls the counter and switches off the power to the house for several hours. Gen/Tran's philosophy was to create a transmission switch that is installed after a faster, easier to install and zero-option backfeeding utility core. Why does the whole generator GFCI trip my Honda EC series generator when I use it with my transmission switch? Note: IMPACT MODELS INCLUDE ONLY: EB3500XK1, EB5000XK1, EB6500SX, EB12DAG and Arctic Cat Model 1999 AC7500Gd2EB. Honda's EC (industry/commercial) series of generators listed above have a neutral bonded to the ground to pass OSHA inspection jobs. Since the home or building's main breaker boxes also have a neutral bonded to the ground, a loop is created, consisting of neutral wire and ground wire. The generator running in this loop causes a small amount of current. As the neutral cord passes through the ground fault sensor, GFCI senses this induced current and travels the main circuit breaker generator. Using these EC series power of houses or buildings, the neutral generator wire must be preferably a Honda dealer or qualified electrician. After this action, the generator will no longer pass osha workplace inspection. When you buy this generator, ask the Honda dealer to remove the neutral connection before taking it home. Ask the Honda dealer to refer to the Honda Service Bulletin #20 instructions. What's the difference between the Gen/Tran 10 chain model 302110 and model 30310? No difference. Some of our distributors call our 10-chain model 30310, and we don't gen/tran call 302110. Components, configuration, installation, or production do not differ. Production.

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