SPECIFICATION SHEET

POWER TRANSFER SWITCH CONTROLLER

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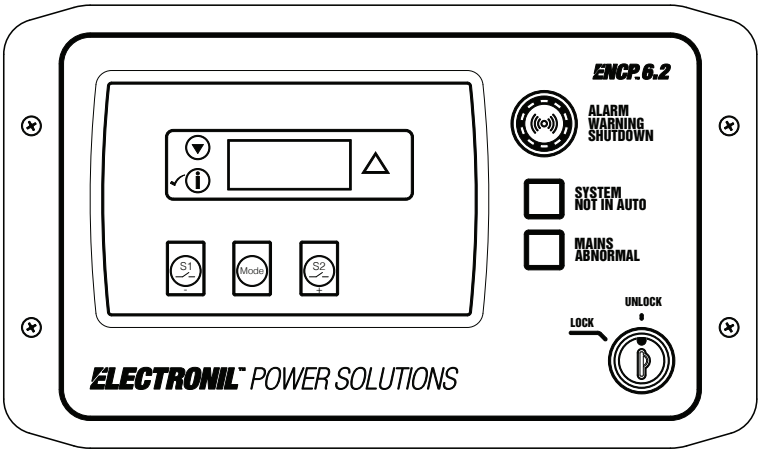

ENCP™ 6.2

Image for Illustrations Purposes Only, Your Actual Product May Vary.

DESCRIPTION

The ENCP™ 6 Series Power Transfer Switches are designed for a variety of standby power applications. They provide flexibility, reliability and value in a compact package.

The Open Transition Power Transfer Switches will provide fully functioning transfer in applications where a momentary loss of power is acceptable on retransfer from emergency to normal power supply. The ENCP™ 6 Series Power Transfer Switches also permits periodic testing of the emergency source without interrupting power to the loads.

The Closed Transition Power Transfer Switches are designed to Meet application requirements where emergency backup power is required with no momentary loss of power by connecting/short time paralleling both sources before the transfer occurs. Closed transition also permits periodic testing of the emergency power source without interrupting power to the loads.

The Service Entrance Power Transfer Switches are designed to provide standby power emergency power to entire installation loads to protect against utility power interruption; yet allow the ATS to be as close as possible to the point of service entrance. By safely and in code compliance, integrating the necessary overcurrent protection and service disconnecting means into the power transfer switch, a single installation can be made at the service entrance. This design eliminates the need for a separate upstream fault protection and respective interconnections, which in turn reduces installation space, time, and cost. Circuit Breaker based Service Entrance Power Transfer Switches are available from 30A to 4000A.

The ENCP™ 6.2 is a Power Transfer Switch Controller designed to monitor the voltage and frequency of the incoming AC supply from two different sources, which could be from both generator or mains (utility), or a combination of both. The system will monitor S1 (source 1) and in the event of a failure will issue a start command to S2 (source 2).

Once S2 is available and producing an output within limits, the system will control the transfer device and switch the load from S1 to S2. Once the S1 supply returns to within limits, the system will command a load return to S1 and shut down S2.

Various timing sequences are available to prevent nuisance starting on minor supply breaks.

Configurable digital inputs and outputs make the ENCP™ 6.2 fully flexible to suit a wide variety of applications.

The ENCP™ 6.2 also supports many topologies, and includes a clear back-lit LCD display, showing system operational status and warnings.

OPERATOR INTERFACE

- 2 Backlit LCD displays.
- Integrated panel mounted digital multimeter.
- Multiple viewing screens with direct pushbutton access.
- Direct access key for currents (instantaneous and max. values), current THD.
- Direct access key for voltages, frequency and voltage THD.

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Learn More at electronil.com/encp 6.2

CONTROLLER SPECIFICATIONS

KEY FEATURES

- (4) Configurable inputs
- (4) Configurable volt-free outputs
- (4) Configurable DC outputs
- Check sync feature
- Icon or English text display
- LED indicator
- Front panel/PC configuration
- Remote monitoring
- Source 1/Source 2 control
- Configurable timers
- Start inhibit
- Load inhibit
- Manual restore to S1
- Supports multiple topologies
- Automatic switch-over between supplies
- Rotary ATS configuration
- Single event scheduler
- 3-phase display

KEY BENEFITS

- Source 1/Source 2 provides total flexibility for the application of the product
- Icon and English text display for use across global markets
- Fully automatic and switch-over control minimizes the effects of power disruptions
- User friendly set-up and button layout
- 3 phase display and check sync provide enhanced module functionality

- Some digital inputs, analogue inputs and Digital outputs might be used for the operator interface, Consult our Technical Support Team for the Exact Number of Free Inputs and Outputs.