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USER AND INSTALLATION MANUAL

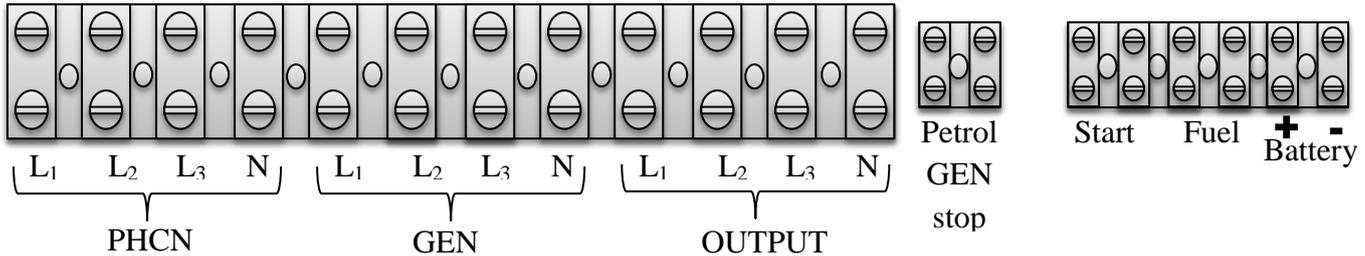
FOR

- ✓ **DEC/ATS300**
- ✓ **DEC/ATS301**

Thank you for the purchase. This manual introduces you to your new device and contains information on how to install the device

INSTALLATION INSTRUCTIONS

1. Mark positions where the device will be hung on the wall and insert screws or bolts
2. Connect the wiring of the building to the device as illustrated below.



3. If you are using the device with a backup petrol generator, connect wires from the terminal labeled petrol GEN stop switch in the above diagram to the stop system of the petrol generator.
4. If your diesel generator supports the two wire auto-start mode, connect the two wires required for auto-start to the terminal labeled fuel and ignore steps 5 and 6. Otherwise, ignore step 4, go to step 5.
5. Connect the terminal labeled start to the start solenoid of your diesel generator.
6. Connect the terminal labeled fuel to the fuel solenoid of your generator.
7. Connect the terminal labeled battery to a 12V DC supply.

USER INSTRUCTIONS

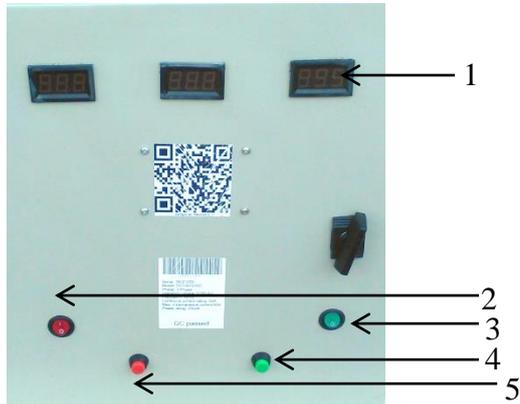


Fig. 1.

DEVICE DESCRIPTION

1. Phase voltages indicators
2. Auto-stop enable/ disable switch
3. Auto-start enable/ disable switch
4. Start
5. Stop

Switching on your Generator

To switch on your generator, press the green button at the bottom of the device (item 4 in Fig 1) and hold it for 2 seconds. Wait for the generator to start before releasing the button. The device will go into idle mode for three seconds after the start-up and then get ready for commands again.

Switching off your Generator

To switch off your generator, press the red button at the bottom of the device (item 5 in Fig 1) and hold it for 2 seconds. Wait for the generator to stop before releasing the button. The device will go into idle mode for three seconds after the stop procedure and then get ready for commands again.

Note: If your generator is equipped with start and stop delays, then you can press the start/stop buttons for 3 seconds and release. The device will initiate a start/ stop process and then wait for your generator to respond.

Enabling/ Disabling Auto-stop mode

Enabling auto-stop mode will make the device changeover automatically from generator to PHCN when there is PHCN supply and also automatically switch off the generator.

To enable auto-stop mode, press the auto-stop mode switch (item 2 in Fig. 1) to the up direction as shown in Fig. 2



Fig 2: On Position

To disable auto-stop mode, press the auto-stop switch (item 2 in Fig. 1) to the down direction as shown in Fig. 3



Fig 3: Off position

Enabling/ Disabling Auto-start mode

Enabling auto-start mode will make the device start your generator automatically when there is a power failure. In this mode, the device will attempt to start the generator every 8 seconds until the generator starts.

To enable auto-start mode, press the auto-start mode switch (item 3 in Fig. 1) to the up direction.

To disable auto-start mode, press the auto-start switch (item 3 in Fig. 1) to the down direction.

Note: This changeover is a three phase device. Incomplete phases from any of the input sources (generator or PHCN) may result in operational failure. For proper operation, all the three phases getting into the changeover must be complete.