

# How to connect the relay in series with the solar container auxiliary switch

<div class="df\_qntext">How does a alternating relay work?

The Alternating Relay toggles to the LOAD B position. The entire cycle is then repeated, but with Load #2 (M2) energized first followed by Load #1 (M1). This type of operation is known as "Sequence On - Simultaneously Off (S.O.S.O.)" -- the two loads are energized sequentially, but remain on together until the STOP switch is opened.

<div class="df\_qntext">How to install catch solar relay?

Install CATCH Solar Relay as per the circuit diagram below. Power the device up and connect to it using the CATCH Power Configuration App on your phone or tablet. The Configuration App uses Bluetooth to communicate with the CATCH Solar Relay. Page 6 240VAC, with a maximum coil current of 4A.

<div class="df\_qntext">How does the solar relay work?

It is based on the time current held on the mobile device running the Configuration App. Page 16 Export Control: In this mode the Solar Relay controls the load based on solar export levels. This mode is ideal for maximising solar self consumption. Turn On: In this mode the Solar Relay will turn the load on for the period of time specified.

<div class="df\_qntext">What type of switch can be used for an alternating relay?

Any type of switch(float, manual, timing relay, pressure, or one with an isolated contact) can be used. NOTE: If you are using the same Control Voltage for both the Alternating Relay and the two loads, you must add a jumper between Terminals 1 & 5 on the SPDT unit or Terminals 2, 6 & 10 on the DPDT unit.

<div class="df\_qntext">How does the catch solar relay configuration app work?

The Configuration App uses Bluetooth to communicate with the CATCH Solar Relay. Page 6 240VAC, with a maximum coil current of 4A. Current Transformer: If the export control feature of CATCH Solar Relay is required then the CT must be installed. The CT can be positioned anywhere in the installation that sees all loads and solar.

<div class="df\_qntext">What is alternating relay mode?

In this mode, the unit will operate as a normal Alternating Relay, alternating between the two loads on each subsequent closing and opening of the control switch. Setting the selector switch to either "LOAD A" or "LOAD B" will lock the unit to either one of the loads.

How to Connect a Relay to a Circuit In order to know how to connect a relay to a circuit, you must be familiar with all the pin terminals of the relay. And depending on what type of relay you are ...

I'm wondering how to use a relay to switch between 2 DC sources, particularly a solar panel and battery to

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power our group's arduino project. I've read lots of threads online saying to use ...

Voltage operated auxiliary relay for contact multiplication and visual operation indication with high reliability capable of tripping applications -- Table of contents 004 Features

When configuring Top-up control you are telling the Solar Relay how many total minutes you want the load to run in a 24 period. If the run time of the load using other control mechanisms did not reach ...

Eaton Series NRX breakers are a compact, globally certified low voltage power (air) circuit breaker. Eaton offers this low voltage power (air) circuit breaker with two-stage stored energy ...

I had a problem the other day when I was trying to connect a 3V relay coil (SRD-03VDC-SL-C relay) to a 3V battery, and an LED and other components in parallel to it as shown in ...

Hi. I am planning on installing a Grundfos SQ pump for my well here in Costa Rica. I have an EG4 6000 XP and four 100 AH batteries. The issue is that the tanque is 660 feet from the ...

There are some options to help the situation, like replacing the flyback diode with as high a voltage as the relay can stand to speed up the opening and over-driving the closing voltage for ...

On relays with DPDT contacts, two pilot lights can be used for remote indication of LOAD A or LOAD B status. To eliminate any bounce condition of the Control Switch, the addition of a second switch ...

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