



PV-Switch-5C



Features

- Configurable control of AC 230V/16A and 4 configurable contactors
- 5 individually switchable outputs
- S0 and RS485/RS232 input
- DIN-rail mounting enclosure
- Degree of protection IP20

Overview

The product "PV-Switch-5C" is a free configurable microcontroller switching unit with S0 and RS485/RS232 interfaces.

For the effective use of photovoltaic systems, the self-consumption of generated energy needs to be controlled. The automatic power switch PV-Switch-5C can control the flow of energy automatically, so it is possible to use the generated energy for private consumption or to feed the generated power into the public grid.

The device is internally powered by 230VAC or external by DC 6V. The 230V power is measured by an external wattmeter with an S0 or RS485 interface.

Applications:

- Control systems
- Switching on/off of fans
- Control of heating systems
- Demand management of PV systems
- Private consumption management within PV systems

Details

PV-Switch-5C

Controller	16Bit μ Controller
Relay Output	1 * 230V 16A
Solid State Relay	4 * 230V 100mA
Power	AC 230V/0.5A
Enclosure	CH20M 45, IP20, DIN-rail mounting
Dimension	45mm x 113.6mm x 117.2mm
Interfaces	5* Relay contact, S0, RS485, RS232, USB
Temperature Range	-10°C - +70°C