



SENECT Power Switch

SC230-230

Manual



Product type

Product name:	SENECT® Power Switch SC230-230
Type:	PSW-230230-SC
Art.-Nr.:	3101
Producer:	SENECT GmbH & Co. KG An 44 – Nr. 11 76829 Landau / Germany

Important note:

Please read this manual carefully and store it so that you can use it later. Read the warning and safety notes attentive.

More information and latest software releases or documents can be downloaded from:

www.senect.de

Further information, application descriptions and answers to frequently asked questions can be also found on the SENECT Forum:





<http://forum.senect.de>

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Used symbols and wording

	<p><i>DANGER!</i></p> <p>Warning of life threatening dangers.</p> <p><i>WARNING!</i></p> <p>Warning of possible life threatening and / or severe irreversible injuries.</p> <p><i>ATTENTION!</i></p> <p>Warning of possible medium or slight injury.</p>
	<p><i>ATTENTION!</i></p> <p>Follow the notes to avoid damage of equipment</p>
	<p><i>NOTE!</i></p> <p>Further information for the use of the device!</p>
	<p><i>ATTENTION!</i></p> <p>Warning of electrical shock.</p>

General Security Notes

The SENECT Power Switch SC 230-230 is used to switch 230 V AC consumers via the socket outlets of SENECT control units.



As this is an electrical product, the usual requirements, as with all electrical appliances, must be met. The device may only be operated with compatible control units or control units approved by SENECT. The device and all connected cables must be installed and operated protected from moisture and wetness. When laying all cables and lines, care must be taken that no safety-relevant impairments such as tripping hazards occur. For many applications, fuse protection by a residual current circuit breaker with a tripping current $< 30 \text{ mA}$ is mandatory. Find out more about this.

The device must be installed protected from overheating by direct sunlight and must only be operated at an ambient temperature between 0°C and $+40^{\circ}\text{C}$. The device must not be modified, except for extensions or software updates of SENECT®. It is forbidden to open the device or to penetrate the inside of the housing in any way.

Use only original SENECT® or SENECT® supplied or approved extension, replacement, or accessory parts.

The Power Switch is not intended to be used by persons (including children) with limited physical, sensory or mental abilities or for lack of experience and/or knowledge, unless they are supervised or instructed by a person responsible for their safety on how to operate the device.

Please keep these instructions for use as a reference. Subject to technical and optical changes as well as printing errors.

Intended use

The SENECT Power Switch SC 230-230 is used to switch 230 V AC consumers (max. 2000 W) via the socket outlets of SENECT control units and is intended for use in industrial fish farming and holding systems. The Power Switch can only be used in combination with compatible SENECT control units. Please observe the applicable electrical installation regulations for the socket supplying the PowerSwitch, such as the installation of an overcurrent circuit breaker and a residual current circuit breaker (RCD). Compatible control units are:

FILTER CONTROL	FC-A1-333-xxx
AQUACULTURE CONTROL	AQC-A1-xx3-xx

Getting started

Scope of delivery

- 1 x Power Switch SC230-230
- 1 x Manual

Note



Please check directly after delivery, that the package is not destroyed or damaged or was opened before. Please check also, that all parts as listed above are included. If anything is missing or broken, please contact us as soon as possible within 14 days. Unfortunately, we cannot accept later information of damage, which happened during the transport.

Installation and start-up



Install the Power Switch near the control unit and near an available splash-proof socket (min. IPx4) designed for the load of the consumer. Ensure that the installation site is dry and protected from direct sunlight.

Mount the Power Switch by using a screwdriver to open the two opening flaps (see Fig. 1) on the upper side and screw the Power Switch into the installation location using two screws through the now released holes.

Connect the connection cable with the inscription "Controller" to your control unit at one of the three 230 V sockets on the underside.

Connect the Schuko socket to your consumer and plug the mains plug (label "socket") into the socket.

The Power Switch is now ready for operation and switches the consumer when the signal is activated at the socket output of your SENECT controller.

Quick Start Guide

1. open the fastening flaps.
2. attach the Power Switch.
3. connect the cable (label " controller ") to the control unit (switchable 230 V socket on the underside).
4. connect the mains cable socket to the consumer.
5. plug the mains plug (label "socket") into the socket.

The Power Switch is now ready for operation.

Technical data

Dimensions housing:	125 x 100 x 40 mm
Cable length:	each 1 m
Voltage:	230 V AC
Power consumption:	<< 2 W
Temperature range:	0° to 40 °C
Max. switching power:	2000 W
Ingress protection:	IP44

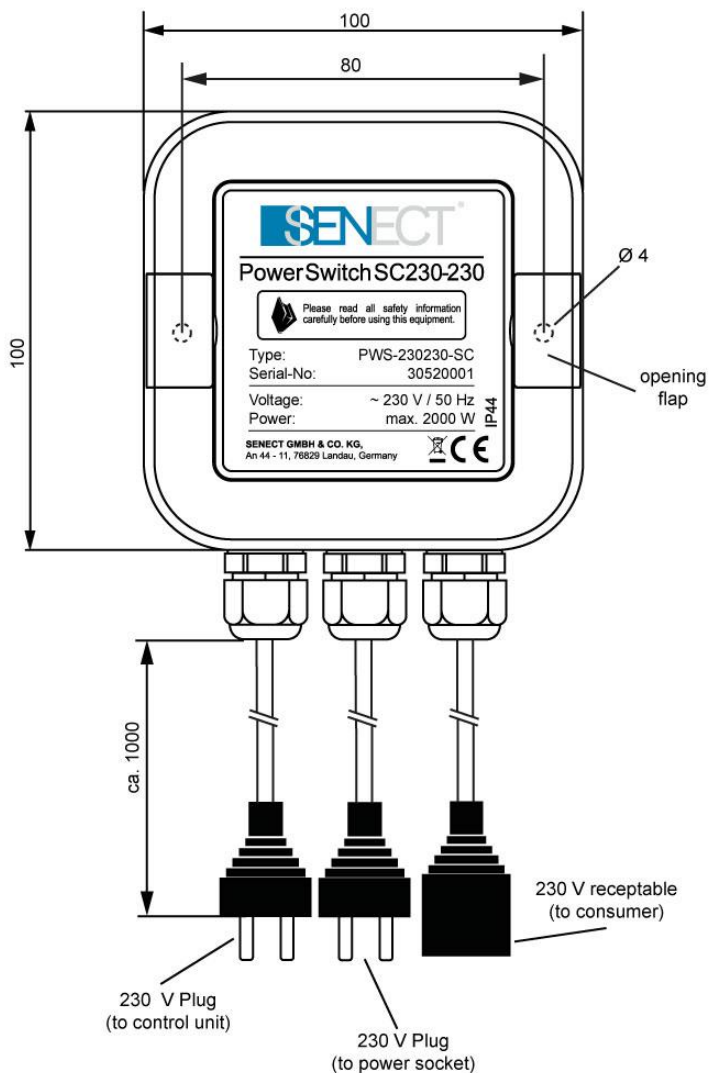


Fig. 1: Technical sketch of the Power Switch SC230-230

Information about the correct disposal



Your device is well packed at delivery. Please dispose the packaging material accordingly to the regulations in your country.

Do not throw the product in the casual litter bin. Make sure you are informed about the local disposal regulations and dispose your product accordingly. Alternatively, you can also send the product back to the producer.

The SENECT GmbH & Co. KG is member of the Stiftung Elektro-Altgeräte Register and the products are registered (WEEE-Reg.-Nr.: DE37193510).

Guarantee



Please check at delivery of your device, that all parts are delivered completely and that they function correctly. In case of any claims, contact us immediately per email or phone (info@senect.de or +49-6341 - 95 95 210). Please describe your claim as detailed as possible so that we can provide a solution as fast as possible. The product has a guarantee of 1 year and a warranty of 2 years. Furthermore, the § 377 HBG (German law) is valid.