

Today the AC- system on board is getting more and more important. Even under way without available shore power the use of generators and inverters are more common to get the benefits of AC-power: charging of the batteries, air condition, espresso machine, refrigerator, freezer or computers and entertainment are mostly driven by 230V devices.

Meanwhile the AC-onboard system is switched automatically to the active power source or even reinforced by an inverter. Even then you should get a general idea what's going on with the active AC-system.

The AC-monitor ACM gives a global overview over all parameters of the AC-system on board. The transducer ACW 3 measures all values and transmits all information about voltage, current, frequency and consumption (KWh) to the AC monitor ACM via a RS485 interface.

You can connect the ACW to one-, two- or three-phase supplies (stern- or triangle) as well..

On the illuminated display you get following information :

- an exact overview over the active AC- system: voltage, current, frequency
- the active power source (generator, shore 1, 2 or inverter)
- consumption in kWh with the possibility of a reset
- adjustable alarm-functions for low/ high voltage or high current

AC-MONITOR



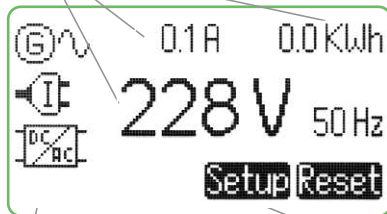
■ ACM 3 Order-No.: 0 7000 2330

AC-monitor for supervision of the AC- system. Built-in device. Connection cable to the transducer ACW included, length 5m.

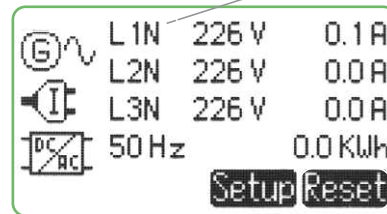
Transducer ACW has to be ordered separately.

Dimensions W 105 x H 105 x D 40 mm
Cut out 88 x 88 mm

Display of the voltage, current, frequency & consumption of the active AC- system.



Display of the connected phases with display of voltage and current



Display of the active power source
 To display the active source a relay per source has to be connected.

Setup menu
 In the setup menu all the values as amount of phases, alarms, symbols of the power sources etc. are configurable..

Reset - button
 for the reset of the recorded consumption (kWh)

NEW



■ ACW 45-1 Order-No.: 0 7000 2401

Single-phase transducer for direct measurement. Max. current rating 45A.

Dim. W23 x H90 x D67 mm



■ ACW 65-3 Order-No.: 0 7000 2403

Triple-phase transducer for direct measurement. Max. current rating 65 A per phase.

Dimensions W70 x H90 x D67 mm



- Housing ACW Order-No.: 0 1990 0011
- Housing ACW + 3 Order-No.: 0 1990 0009
- Relais 4031-230V Order-No.: 0 1990 0015
- Relais base 4031 Order-No.: 0 1990 0020

Housing for transducer ACW with 3 relays (delivery without relays)

Dimensions ACW (4 TE) L 200 x W 120 x H 110 mm

Dimensions ACW+3 (6 TE) L 200 x W 195 x H 110 mm