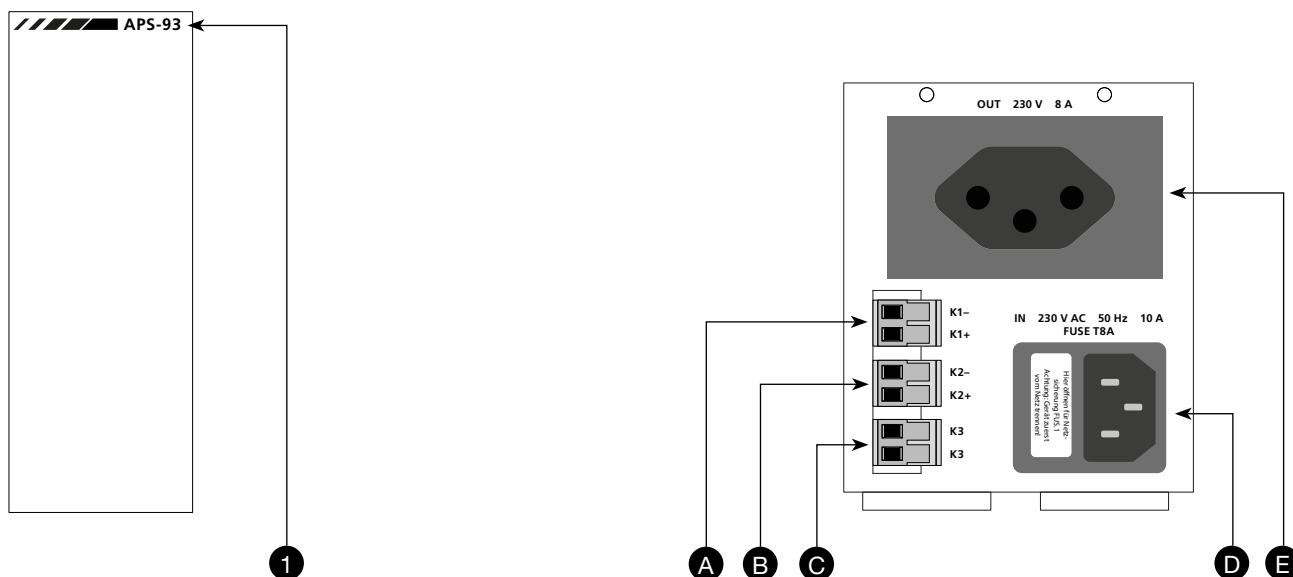


# APS-93.1

## Module with switched mains power output



### Front view (FRS)

1 Model code

### Rear view (RWS)

A Connector block Contact 1  
 B Connector block Contact 2  
 C Connector block Contact 3  
 D Mains power input  
 E Switched mains power output

### Description

#### Designation and function

Module with switched mains power output for external devices and two input/output Contacts

#### Use of the module

- Programmable supply of external devices
- Controlable switch-off sequence
- Configurable inputs/outputs with remote activation capability

#### Adjustments on the module

Function of Contact 1 and 2

#### Rear panel (RWS)

RWS-93.1

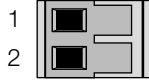
#### Attention

The unit is supplied with hazardous mains voltage (230 V~). Leave servicing to skilled personnel only. Inexpert handling may cause an electric shock hazard. Changes of fuses must only be made with the unit switched off and disconnected from power

**Technical specifications**

**Con. diagram for the connector block (A)**

- 1 Isolated Output Contact 1
  - 2 Isolated Output Contact 1
- or
- 1 Isolated Input Contact 1 – (Ground)
  - 2 Isolated Input Contact 1 + (12–48 V)



**Con. diagram for the connector block (B)**

- 1 Output Ground Contact 2
  - 2 Output Open Collector Contact 2
- or
- 1 Input Ground Contact 2
  - 2 Input Contact 2 (Connection to ground)



**Con. diagram for the connector block (C)**

- 1 Contact 3\*
- 2 Contact 3\*



\*potential free relay contact, parallel to mains power output (E)

**Activation of remote activation**

External make contact between connection 1 and 2 of connector block (B)

**General informations**

Main power	230 VAC / 50 Hz
Main power fuse	T8A (5 × 20 mm)
Switching current mains socket	8 A (1800 W)
Current capacity output contact 1	400 mA
Electric strength output contact 1	60 V
Current capacity output contact 2	150 mA
Electric strength output contact 2	45 V
Current capacity contact 3	8A
Electric strength contact 3	230 V
Power consumption (17 VDC / 5 mA)	0.085 W
Weight (incl. RWS)	0.45 kg
Ambient temperature	-5°C to 40°C
Humidity	15 % to 90 %, non condensing

**Data**

**Removal of the module from a unit**

- a) CAUTION: the amplifier system must be disconnected from mains and battery supply!
- b) Remove the covering strips at the cabinet
- c) Unscrew the mounting screws
- d) Pulling out the module forwards

**Function of the module**

- Supply of external devices with 230 VAC
- Remote activation of APS system by external contact
- Programmable switch-off sequence to avoid disturbing noise

**Remote activation by external contact**

- From master clock
- By a factory master control system
- From PLC (programmable logic controller)

**Use of the module**

Independent

**Important**

The use must be in accordance with the programming!

**Replacing the network fuse**

If a connected device does not work anymore, please check first if it is switched on. If so, the mains fuse of the APS-93.1 must be checked. This is located in the mains input socket. To check or change, be sure to unplug the power cord. Thereafter, e.g. use a small screwdriver to open the drawer integrated into the mains socket. Now two fuses are visible. The first visible is the spare fuse, the second is the device fuse. Fuses may only be replaced with those of the same type.