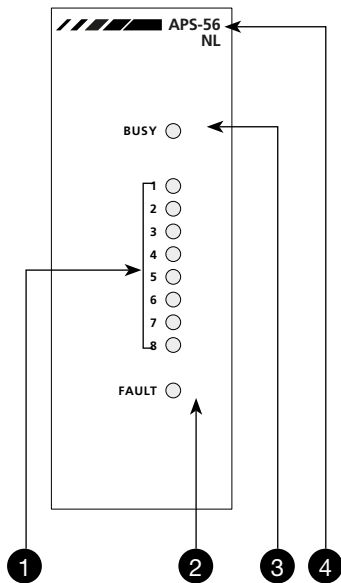


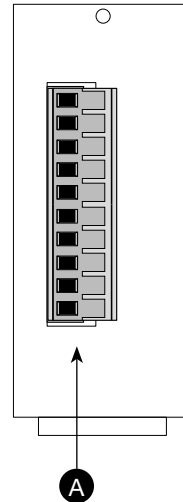
APS-56.1-NL

Module with eight monitored input contacts



Front view (FRS)

- 1 LED indication for inputs
- 2 LED indication for errors
- 3 LED indication for activities
- 4 Model code



Rear view (RWS)

- A Connector block

Description

Designation and function

Module with eight monitored input contacts. Available functions for inputs: on/off, impulse on/off, alarm off (selectable separately for each input)

Use of the module

Together with other APS components

Settings on the module

Device address

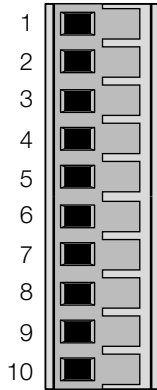
Rear panel (RWS)

RWS-51

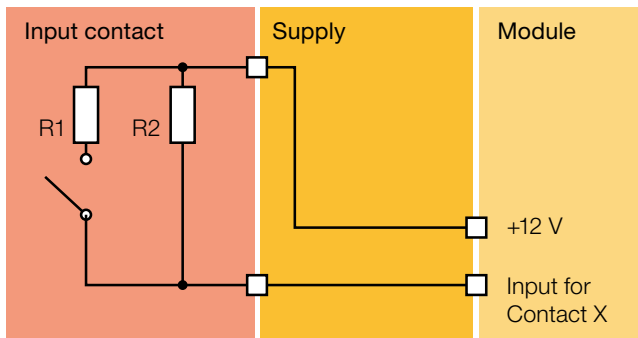
Technical specifications

Connection diagram for the connector block (A)

- 1 Output 12 V (170 mA)
- 2 Input for Contact 1 (Condition 1)
- 3 Input for Contact 2 (Condition 2)
- 4 Input for Contact 3 (Condition 3)
- 5 Input for Contact 4 (Condition 4)
- 6 Input for Contact 5 (Condition 5)
- 7 Input for Contact 6 (Condition 6)
- 8 Input for Contact 7 (Condition 7)
- 9 Input for Contact 8 (Condition 8)
- 10 Ground



Connection diagram



Resistor R1: 680 Ω, resistor R2: 1.2 kΩ

The combination of resistors R1 = R2 = 1 kΩ was used until 10/2019. The previous combination does not have to be replaced by the current combination.

Create the same circuit for all used input contacts (connector block A, assignment 2–9).

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

Tasks of the module

Conversion of external contacts to internal inputs. The supply lines are monitored via internal or external voltages. Certain input functions can only be used with microphone consoles.

Data transfer between APS-56.1-NL and APS-990

Via the Data-S bus

General informations

Quantity of modules per System	Max. 15
Quantity of Inputs per module	8
Input voltage	12–36 V DC
Operating temperature	-5°C to 40°C

LED

- **LED for activities:**
Flashes by operating of an input
- **LEDs for inputs:**
Lights up when the input is active and flashes when there is a fault on the input
- **LED error:**
Lights up in case of a fault on any input

Function of the module

According to the programming of the APS-990 and the settings on the module

Important

The use must be in accordance with the programming!