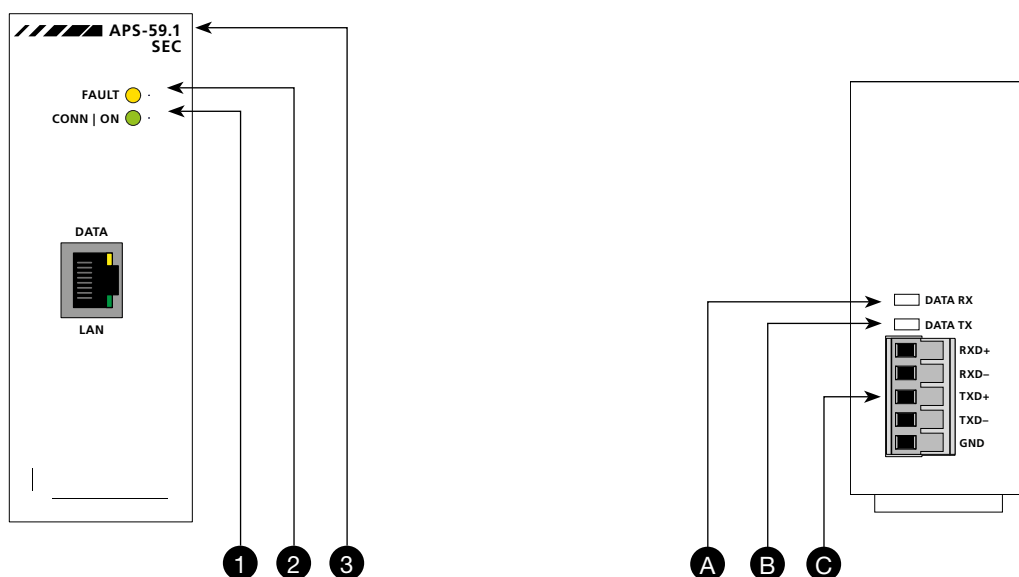


APS-59.1-SEC

Intelligent Interface module for connection to a fire alarm control panel



Front view

- 1 Operation indicator
- 2 Fault indicator
- 3 Model Code

Rear view

- A LED Receive datas
- B LED Sending datas
- C Connector block

Description

Designation and function

Communication module for connection to a fire alarm system of the company Securiton/Hekatron/Schrack

Intended use

- Fire safety
- Professional audio

Use of the module

As interface to a fire alarm system (bidirectional)

Adjustments on the module

None

Function of the module

According to the mapping of call groups/alarming zones on the module and the programming of the processor module APS-990

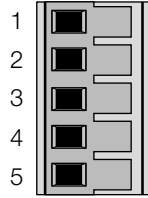
Rear panels (RWS)

RWS-59.1-SEC

Technical data

Connection diagramm for the connector block (C)

- 1 Data line RXD +
- 2 Data line RXD-
- 3 Data line TXD +
- 4 Data line TXD -
- 5 Ground



Data

Tasks of the module

- Triggering of several simultaneously active emergency texts
- Assigning the texts to loudspeaker lines by the following control modes:
 - Alarm zones (up to 254)
 - OR
 - Call groups (up to 62 per text)
- Forward the integrated function «Acoustics OFF»
- Monitoring of the connection between fire alarm system and the voice alarm system according to the standard EN 54-16
- Transfer status Present / Absent
- Synchronization of the states of both systems during restoration the connection
- Sending 8 errors / shutdown states to the fire alarm system

Monitoring

Durch das Überwachungsmodul APS-177.2 über Default Bus

General informations

Voltage supply	17 V DC (intern)
Current consumption	45 mA
Power consumption	0.8 W
Weight (incl. RWS)	0.420 kg
Max number of modules	4
Interface	RS-422 5 poles, 9600 Baud
Cable length max	1 km

Data transfer between the module and the APS-990

Via the Data-S Bus

Operating instruction

The connection to the fire panel is established when the operating indicator (1) is permanently on. If both front LEDs (1 & 2) are flashing, the initial connection to the fire panel could not be established.

If the error indicator (2) flashes, the connection to the fire panel is interrupted.

Detailed error messages will be evaluated with the APS®-APROSYS software.

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 Torx screws
- d) Pulling out the module forwards

Important

The use must be in accordance with the programming!