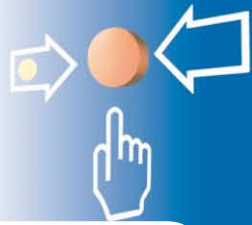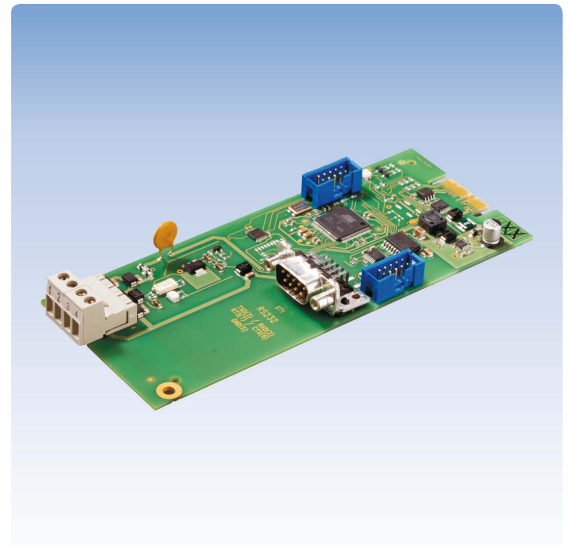# Serial Interface
SIF601

- **Operation as RS232C interface or INFO bus interface**

- **Various versions for special data protocols available**

- **Function and baud rate freely parameterisable**

- **Selective event output by means of filters**

- **Galvanic isolation**

Description

The Serial Interface SIF601 facilitates the extension of a Fire Detection Control Panel Series BC600 with a galvanically isolated RS232C interface or, alternatively, with an INFO bus interface or the extended INFO bus EP interface.

The RS232C interface can be used to connect a protocol printer. The INFO bus or INFO bus EP interface allows the connection of additional INFO bus devices if the INFO bus interface of the central processing board is not sufficient.

By defining filters, the output of events can be limited. Depending on the parameter setup of the interface, the baud rate can also be set.

The Serial Interface SIF601 is available in several versions for different applications:

- The standard version **SIF601-1** is preferably used to connect a protocol printer.
- The **SIF601-2** provides an ESPA interface which facilitates the communication with devices that have an ESPA 4.4.4 interface for receiving clear text information – for example pager systems, DECT systems or visual call systems. By means of PARSOFT, the parameters for the communication as well as filters for certain message types can be set for up to 5 pagers.

- The **SIF601-3** can be used as bidirectional ZLT interface. The ZLT interface is needed for the communication with higher operation control systems. In addition to facilitating the indication of the system conditions, this also makes it possible to operate the system parts on a central control center.
- The **SIF601-4** can be used as unidirectional ZLT interface. The ZLT interface is needed for the communication with higher operation control systems. This makes it possible to indicate the system conditions on a central control center.

The serial interface is actuated and powered via the system bus of the control panel. The system bus is also used for updating the firmware and transmitting the parameters. The „hot plug & play" function allows insertion and removal of the interface during operation. The inserted componentry is automatically detected by the central processor. The condition of the bus communication and of the componentry is indicated by an integrated light emitting diode.

The use of pluggable screw terminals for the connections makes maintenance and replacement of the componentry easier.

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Specifications

Current consumption at 24V	typ. 14mA
for the RS232C interface	typ. additional 4.5mA
for the INFO bus interface	typ. additional 22mA
Interface	RS232C, galvanically isolated, up to 57.6kbaud
	INFO bus, up to 4800 baud
	INFO bus EP, up to 14400 baud
Signal lines	RxD, TxD, CTS/DTR
Connection type	
RS232C	9-pole D-SUB plug, or 10-pole flat cable connector
INFO-Bus	2-pole pluggable screw terminal
Ambient temperature	-20°C to +60°C
Dimensions L × W × H	160 × 65 × 20 (mm)
Weight	50g

Serial Interface SIF601-1 – printer interface

Order number	211119
Order name	Serial Interface SIF601-1

Serial Interface SIF601-2 – ESPA 4.4.4 interface

Order number	211125
Order name	Serial Interface SIF601-2/ESPA

Serial Interface SIF601-3 – ZLT interface bidirectional

Order number	211126
Order name	Serial Interface SIF601-3/ZLT

Serial Interface SIF601-4 – ZLT interface unidirectional

Order number	211127
Order name	Serial Interface SIF601-4/ZLT-UNI

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