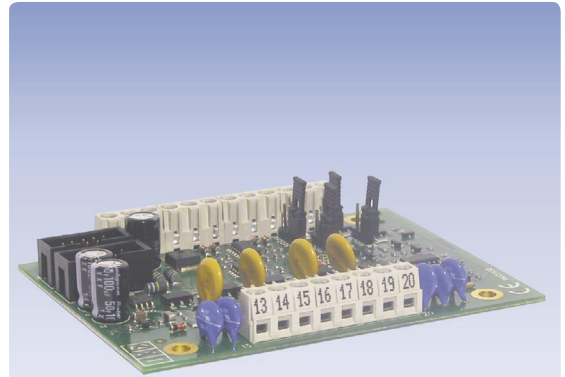


Siren Connection Module

SZ58-3

- **Four independent, individually fused siren outputs**
- **500mA load current per output**
- **Monitoring of the siren circuits**
- **LEDs indicate activation and faults of siren circuits**
- **Activation by means of actuation outputs or external switches**



Description

The Siren Connection Module SZ58-3 is installed in Fire Detection Control Panels Series BC216, BC016 and BC06 for connecting acoustical or optical signalling devices (e.g., sirens) to four independently actuatable circuits with line monitoring. The siren circuits are individually protected by means of self-healing electronic fuses. The activation of the siren circuits is carried out by the control panel or manually by means of switches.

The signalling devices can be supplied either directly by the fire detection control panel, or, in case of in-

creased current demand, through an external power supply. The supply of the siren circuits is automatically monitored for undervoltages.

The componentry is equipped with four fault detection outputs which report the fault condition of power supply and siren lines to the control panel. For each output there are separate LEDs for indication of fault and activation.

The siren connection module is mounted on a bracket inside the housing of the fire detection control panel.

Specifications

Operating voltage	21 – 30VDC
External supply voltage for signalling devices	21 – 30VDC
Current consumption at 24V	15mA (quiescent, outputs terminated)
Load current per output	max. 500mA
Output voltage, siren circuit quiescent	-1.2VDC
Output voltage, siren circuit active	external supply voltage minus approx. 1V
End-of-line resistor	5.6k Ω
Surveillance current, quiescent state	typ. 240 μ A
Ambient temperature	-5°C to +50°C
Relative humidity	max. 95% (no condensation)
Dimensions L x W x H	98 x 74 x 18 (mm)
Weight	60g
Order number	223026
Order name	Siren Connection Module SZ58-3

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