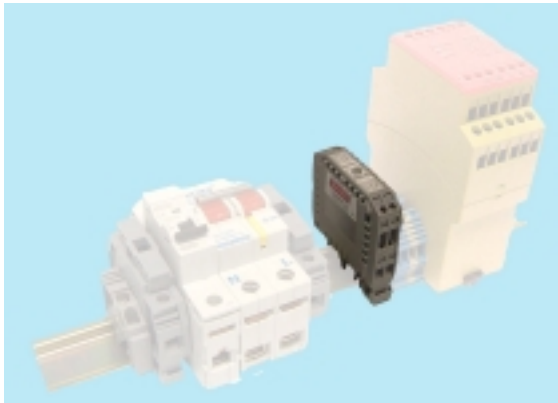


## PSSZ-2 Control Unit



### Features

- Category 3 EN954-1\*
- DIN rail mounted
- 24V d.c. supply voltage
- Fail-safe auto reset
- Small size
- Solid state volt free outputs
- Compatible with single lead Tapeswitch sensing edges and ribbon switches
- Compatible with AS-i Safe

The PSSZ-2 miniature DIN-rail interface unit for safety mats, sensing edges and other ribbon switch sensors is remarkable because of its small size. The unit has Category 3 fail-safe monitoring but is similar in size to a DIN-rail terminal. These interface units monitor the safety sensor by using a single two-wire lead, which reduces the complexity of the installation and is often the most practical solution. In fact in some four-wire applications it would be impractical or impossible to have leads fitted at each end of the sensor.

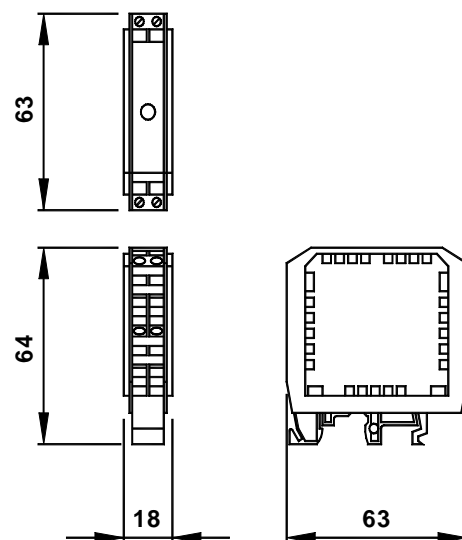
The PSSZ-2 has solid-state normally closed volt-free outputs which means that it is compatible with virtually any interface, including the input modules of bus systems such as AS-i. It also has an LED function, illuminating red or green, prominently displaying the status of the sensor.

\* in order to achieve EN954-1 Category 3 safety integrity the outputs must be wired as two separate channels to a suitable control capable of monitoring them for equivalence.

### Technical Specification

Supply voltage	24V d.c.
Power consumption	2,5VA
Enclosure type	DIN rail
Enclosure rating	IP20
Response time	<30ms
Weight	40g
Sensor wiring	Fail-safe single lead
Reset mode	Auto
Output relays	2 x solid state
Output contacts	2 x N/O volt-free
Operating temperature	0°C to +50°C
Safety standard	Category 3 EN954-1
Typical applications	Medium/high risk

### Dimensions



### Typical Applications

- Car park barriers
- Automatic gates
- Roller-shutter doors
- Factory automation

GB-09/04

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