



Features

- DIN rail mounted
- 24V d.c. supply voltage
- Small size
- Solid state volt free outputs
- Compatible with SLZ single lead Tapeswitch sensing edges and ribbon switches
- Compatible with AS-i Safe

The PSSZ-2 miniature DIN-rail interface unit is designed for use with safety mats, sensing edges and other ribbon switch sensors. 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 safety plcs and 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 EN13849-1:2006 performance level Pld, the interface must be used with a suitable monitoring control / relay.

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 configuration	2 x N/O volt-free
Operating temperature	0°C to +50°C
Typical applications	Medium/high risk

Typical Applications:

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

