



Features

- EN13849 Performance level PLd
- DIN rail mounted
- 24V d.c. supply voltage
- Manual or auto reset
- Self-monitoring
- 4 output contacts

The PRSU/4 control unit is designed to be used in conjunction with Tapeswitch pressure sensitive sensors to form a complete safety system. Sensors may take the form of safety mats, sensing edges, ribbon switches or bumpers.

When the PRSU/4 is used with suitable Tapeswitch sensing edges or mats the system meets the requirements of EN13849-1:2008 PLd, EN62061 SIL2 and is a Category 3 configuration. It is an extremely compact unit which has a 22.5mm DIN rail enclosure ideal for mounting in control panels. The PRSU/4 has a manual or auto reset function and operates from 24V d.c.

Technical Specification

Supply voltage	24V dc
Power consumption	<5VA
Enclosure type	DIN rail EN5022
Enclosure rating	Terminals IP20, Housing IP40
Response time	30mS
weight	170g
Sensor wiring	Fail-safe only
Reset mode	Manual or auto
Output relays	Safety relays (force guided contacts) cross monitored
Output contacts	3 x N/O, 2A@240V 1 x N/C auxiliary
Operating temperature	-25°C to +55°C
Safety standard	EN13849-1:2008 Cat 3, PLd PFH _d = 5.8x10 ⁻⁹
Typical applications	Medium/high risk

Dimensions

