

PSSU/1 Control Unit



Features

- Category 3 EN954-1
- DIN rail mounted
- Mains supply voltage
- Fail-safe manual reset
- Self-monitoring

The PSSU/1 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.

The PSSU/1 exceeds the requirements of Category 3 as given by EN954-1. The control unit is self-monitoring, which means that any faults in the safety critical components will be detected and the machine will be rendered inoperative until the fault is rectified.

The PSSU/1 is DIN rail mounted and is intended to be fitted inside an existing electrical enclosure on the machine. It operates from 110/230V a.c. and has a manual reset function.

Technical Specification

Supply voltage	110/230V a.c.
Power consumption	<6VA
Enclosure type	DIN rail
Enclosure rating	IP20
Response time	10ms
Weight	365g
Sensor wiring	Fail-safe only
Reset mode	Manual (remote)
Output relays	2 x safety relays (force guided contacts) cross monitored
Output contacts	2 x N/O, 2A@240V
Operating temperature	0°C to +50°C
Safety standard	Category 3 EN954-1
Typical applications	Medium/high risk

Dimensions

