



PRSU Series Safety Interface Modules



Description

PRSU/4 and PRSU/5 safety controllers can be used as safety devices for high-risk automation and machine control applications. These safety interface modules provide the highest level of safety offered by Tapeswitch, exceeding the requirements of category 3 as defined by EN 954-1. They also meet or exceed the safety content of the applicable OSHA, ANSI, and RIA Standards.

The PRSU/4 and PRSU/5 safety interface modules have redundant safety output relays, are self-monitoring, and are rated Control Reliable, which means that any fault in the safety-critical components will be detected and the machine will be rendered inoperative until the fault is corrected. They are available in a DIN rail-mounted package. The PRSU/4 Safety Controller operates from a 24VDC or VAC power supply. The PRSU/5 Safety Controller operates from a 115VAC power supply. Both models feature user-configured manual and automatic reset capability.

Features & Benefits

- Suitable for high-risk automation and machine control
- Self-monitoring design detects faults anywhere in the safety system components
- Meets or exceeds OSHA, ANSI, & RIA safety standards for safety interface modules
- Automatic or manual reset capability
- DIN rail mounting

Technical Specifications

Safety Grade:	Type 3 (EN-954-1)
Supply Voltage:	24VDC or VAC (PRSU/4) 115VAC (PRSU/5)
Power Consumption:	5VA
Enclosure Type:	DIN Rail Mounting
Reset Mode:	Automatic or manual (user selected)
Output Relays:	Force guided safety relays, 3 x N/O
Monitor Output:	1 x N/C
Response Time:	<30ms