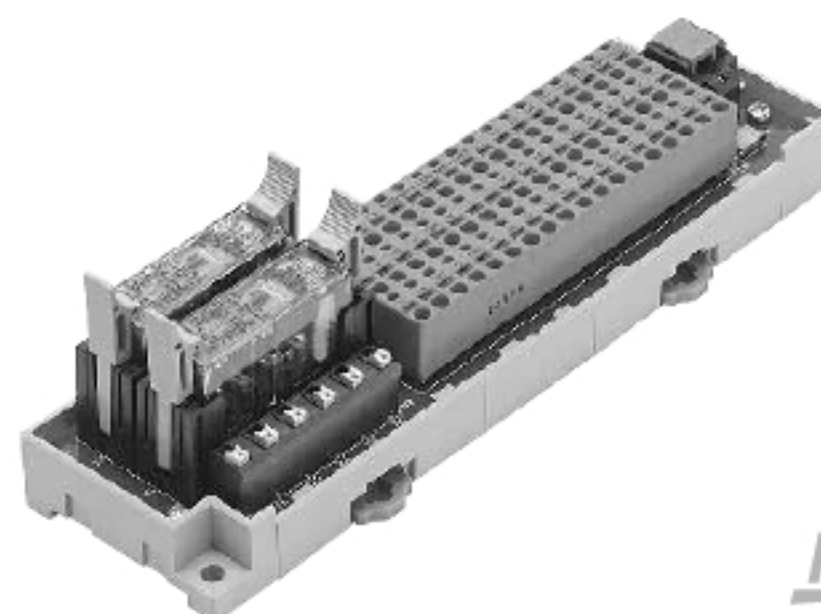


Safety Terminal Relays (for F3SJ-A□□□□P□□)


F3SP-T01

Simplifies wiring from Safety Light Curtains to the Safety Relay outputs.

- Simplifies wiring inside the panel and helps prevent incorrect wiring.
- Terminals are numbered to make it easy to check terminal connections.
- Replacement of relays is easy, improving maintainability.
- Screw-less clamp terminals eliminate the need for extra tightening.
- The Support Software can be connected, enabling on-site adjustment of Light Curtains.



NEW

 Refer to *Safety Precautions* on page 21.

Ordering Information

Safety Terminal Relays

Type	Applicable models	Model
Safety Terminal Relay	F3SJ-A□□□□P□□	F3SP-T01

Optional Accessories (Sold Separately)

Type	Model
Cable for connecting Support Software (cable length: 1.5 m)	E39-Z12-1
Replacement Relay	G7SA-3A1B

Specifications (Refer to Instruction Manual for details.)

Ratings

Power supply

Rated voltage	24 VDC+15%/−10%
Rated power consumption	DC 1.7 W max. (not including sensor's power consumption)

Contacts

Rated load	250 VAC 3 A, resistive load 30 VDC 3 A, resistive load
Rated current	3 A
Applicable Relays	G7SA-3A1B: 24VDC

Characteristics

Operation time	100 ms max. (not including sensor's response time)
Response time	10 ms max. (not including sensor's response time)
Vibration resistance	10 to 55 to 10 Hz Single amplitude: 0.35 mm (Double amplitude: 0.7 mm)
Shock resistance	Destruction: 300 m/s ² , Malfunction: 100 m/s ²
Ambient operating temperature	−10 to 55°C
Ambient operating humidity	35 to 85%
Weight	Approx. 215 g

Durability

Electrical durability	100,000 operations min. Rated load Switching frequency: 1,800 operations/h
Mechanical durability	5,000,000 operations min. Switching frequency: 18,000 operations/h