

IN Your Future



Flat 6A 1a1b Safety Relay

SFM Relay

Miniaturization of all safety applications

With a height of only 7.8mm, SFM is the world's flattest relay with forcibly-guided contacts according to EN 61810-3. In addition, the 1a1b relay is available as reflow (THR) version, that contributes to a simplified and cost-efficient production process. SFM series can be used to miniaturize all kind of safety applications, from signaling boards with a focus on low level loads to high power safety relays or safety controls.



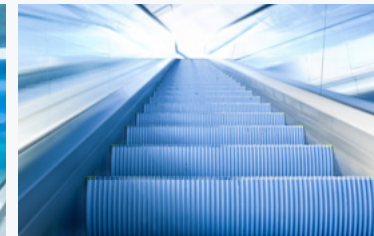
Key Features

- 1NO/1NC relay with forcibly guided contacts according to EN 61810-3
- Extremely low height of 7.8mm
- Rating 6A (NO), 4A (NC) @ 250VAC, 30VDC
- 100mW coil holding power
- High shock resistance >20g
- THT & THR type available
- Reinforced insulation $\geq 5.5\text{mm}$ (V=230V over-voltage category III, 6kV) on NO side
- Coil voltage from 3 to 24V
- Ambient temperature -40 to +85°C



Industrial Automation

- Safety relay modules
- Safety controller
- Safe motion control



Building Automation

- Elevator control
- Escalator control
- Access control



Automated Guided Vehicle

- Safety control
- Safety module
- Emergency stop



For further information, please contact relays@eu.panasonic.com

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INDUSTRY

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