

# 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 railway 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 overvoltage 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



### Transportation

- Railway signaling
- Train door control
- Station access control



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