

SCHRACK Forced Guided Relays in Safety Solutions



Value Proposition

SCHRACK Force Guided Relays (FGR) are used in safety circuits in combination with light curtains, interlock switches, and emergency stop switches to control outputs. These are used to expand outputs for safety relay modules and safety controllers. In the design of the SCHRACK FGR, special importance was attached to the switching of low loads by the monitoring circuit. TE Connectivity (TE) has developed comprehensive documentation of SCHRACK FGR which accelerates the development process for safety controls and application notes help to point out possible error sources.

Credibility & Reliability

- Established in the relay market for 20 years
- Innovators in replacing contactors in safety circuits

Industry 4.0

- High volume manufacturing
- Fully automated packing improves traceability

Industry Standards & Certifications

- CCC, UL, TUV & VDE
- Sealed against external influences according to IEC
- 61810 protection category RTIII

Ease Design-In Process & Support

- TE has developed special procedures to provide contact reliability
- Comprehensive documentation accelerates the development process for safety controls

Industries

- Safety circuits in combination with light curtains
- Interlock switches
- Emergency stop switches to control outputs

Applications

- Elevator
- Rail
- Machinery

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