

Datasheet

Item No. R1.188.1710.0

Device for monitoring of safety-related circuits SNA4043

Base unit also for elevators EN 81-1/2 and heaters EN50156-1 single-channel or two-channel control, automatic reset without reset switch monitoring, cross circuit monitoring, 3 enabling current paths, 1 signalling output, AC 230 V 50-60Hz, screw-terminals fixed



| | |
|------------|---------------|
| Item No. | R1.188.1710.0 |
| EAN | 4046521293749 |
| order unit | 1 Piece(s) |

Approvals



Technical data

General

| | |
|--|-----|
| Suited for safety functions | Yes |
| Category according to EN 954-1 | 4 |
| Muting possible | No |
| Feedback circuit | Yes |
| Start contact | Yes |
| Performance level acc. to EN ISO 13849-1 | e |
| SIL according to IEC 62061 | 3 |
| Rail mounting possible | Yes |

Connection Data

| | |
|-----------------------------|------------------|
| Detachable clamps | No |
| Type of electric connection | Screw connection |

Application

| | |
|--|--------------|
| Model | Basic device |
| Suitable for monitoring of magnetic switches | Yes |
| Suitable for monitoring of proximity switches | Yes |
| Suitable for monitoring of emergency-stop circuits | Yes |
| Suitable for monitoring of optoelectronic protection equipment | Yes |
| Suitable for monitoring of position switches | Yes |
| Suitable for monitoring of valves | No |

Output circuit

| | |
|---|---|
| Outputs, signalling function, undelayed, with contact | 1 |
| Outputs, signalling function, delayed, with contact | 0 |

| | |
|--|---|
| Outputs, safe, undelayed, with contact | 3 |
| Outputs, safe, delayed, with contact | 0 |

Control circuit

| | |
|-------------------|-----------|
| Evaluation inputs | 2-channel |
|-------------------|-----------|

Supply circuit

| | |
|---|-------|
| Min. rated control supply voltage at AC 50 Hz | 196 V |
| Max. rated AC voltage for controls, 50 Hz | 253 V |
| Rated control supply voltage at AC 60HZ | 196 V |
| Rated control supply voltage at AC 50HZ | 253 V |

Dimensions

| | |
|--------|---------|
| Depth | 114 mm |
| Width | 22.5 mm |
| Height | 96.5 mm |