

ITEM 090912 NZ2WO-2131

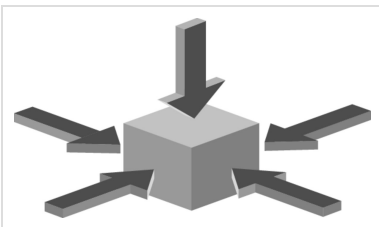
| Description | Technical data | Accessories | Downloads |
|-------------|----------------|-------------|-----------|
|-------------|----------------|-------------|-----------|



Features

- › Version B according to EN 50041(hardened)
- › Plug connector SR11

Approach direction



- › Figure
Horizontal and vertical

Switching element

2131H Slow-action switching contact 3 NC \ominus + 1 NO

Approvals



Mechanical values and environment

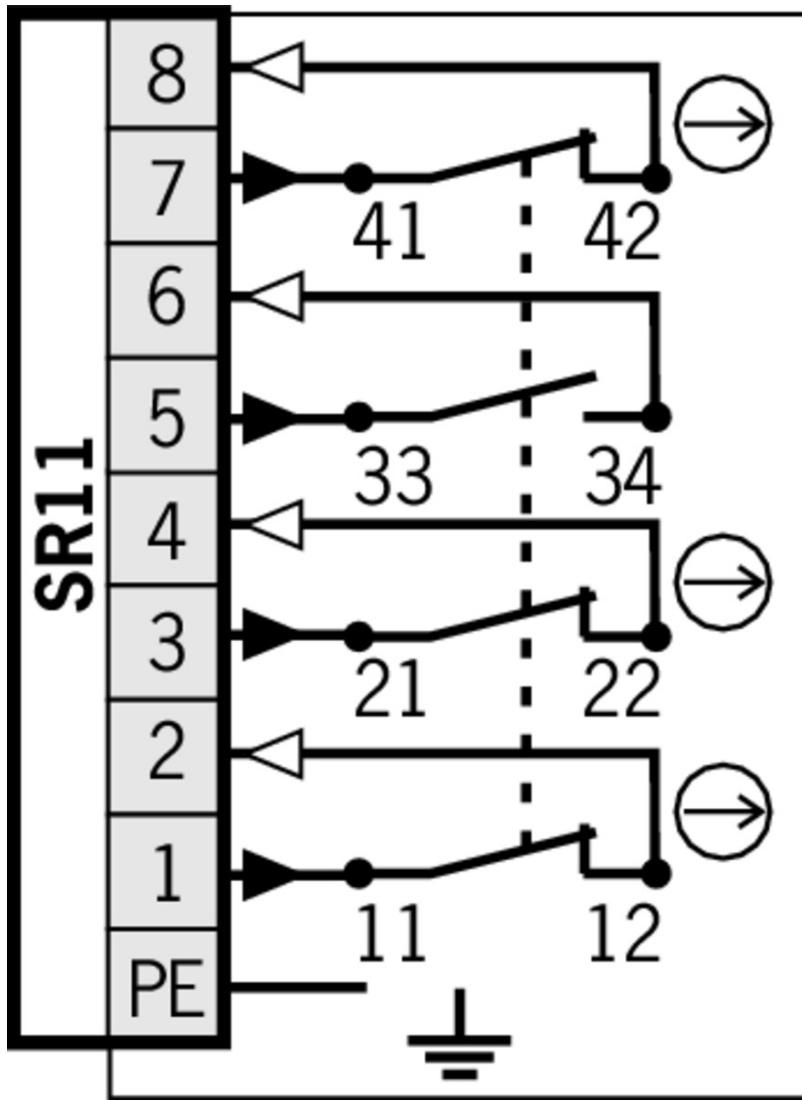
| | |
|--|-------------------------------|
| Housing material | Anodized die-cast alloy |
| Weight | |
| Net | 0,3 kg |
| Ambient temperature | -25 ... 80 °C |
| Degree of protection | IP65 |
| Mechanical life | 30 x 10 ⁶ |
| Contact material | Silver alloy, gold flashed |
| Switching principle | Slow-action switching contact |
| Installation position | Any |
| Number of door position positively driven contacts | 3 |
| Number of NO contacts | 1 |
| Connection | |
| 1 x | Plug connector SR11 [1] |
| Approach speed | |
| max. | 0,1 ... 10 m/min |
| Actuating element | Domed plunger |
| Actuating force | 15 ... 30 N |

Electrical connection ratings

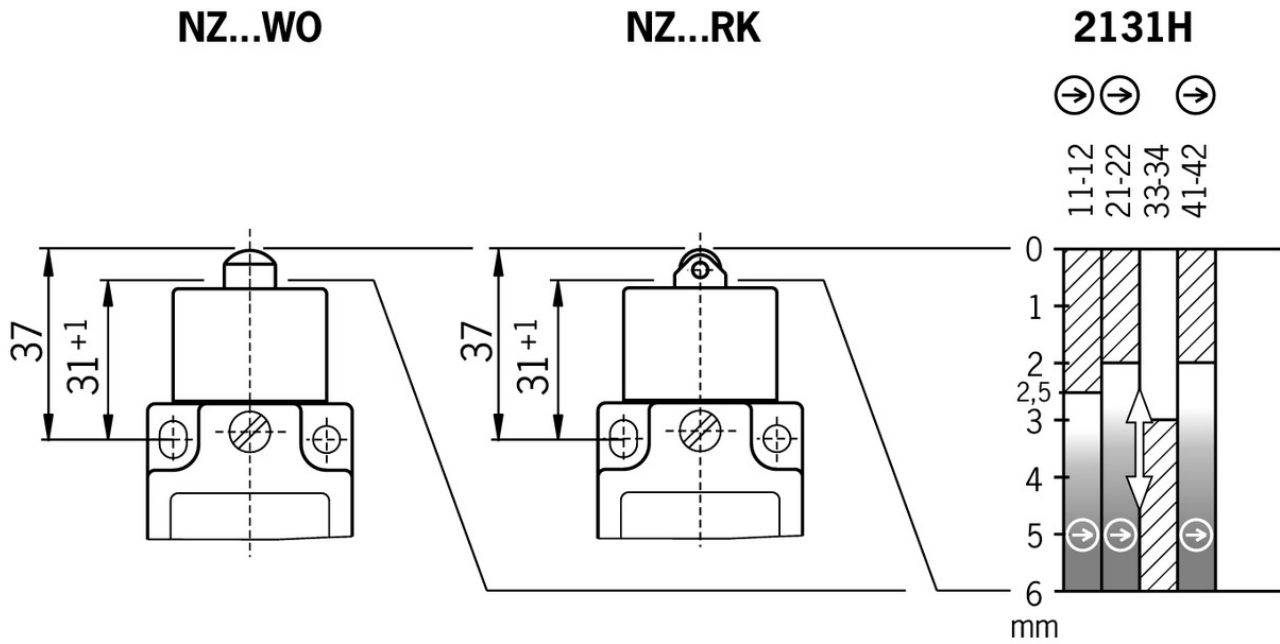
| | |
|---|--------|
| Rated thermal current I _{th} | 4 A |
| Utilization category according to EN 60947-5-1 | |
| AC-15 | 4A 50V |
| DC-13 | 4A 24V |
| Short circuit protection according to IEC 60269-1 | |
| (Fuse) | 4A gG |
| Rated insulation voltage U _i | 50 V |
| Rated impulse withstand voltage U _{imp} | 1,5 kV |
| Switching current | |
| Min. at DC 24V | 1 mA |

Reliability values acc. to EN ISO 13849-1




| | |
|------------------|--|
| | Monitoring of the safety guard position |
| B10 _D | 20 x 10 ⁶ |




Travel diagram




Legende

-  Contacts closed
-  Contacts open
-  Contacts positively driven


Connection material

-  Plug connector SR11 for safety switches NZ and TZ


070859 SR11EF

-  Features
 - › Crimp contacts
 - › Cable optional
 - › Coding shells

054773 SR11WF

-  Features
 - › Crimp contacts
 - › 90° angled optional
 - › Cable optional
 - › Coding shells

091296 SR11AM2-M20

-  Features
 - › Crimp contacts
 - › Cable optional
 - › Coding shells

▼ Connection cable with plug connector SR11, 5m



077629 C-M26F12-12X1,00PU05,0-MA-077629

▼ Features

- › Female plug SR11, 11-pin + PE
- › Straight plug connector
- › PUR cable
- › Cable length 5 m
- › With flying lead

▼ Connection cable with plug connector SR11, 5m, angled



077635 C-M26F12-12X1,0PU05,0-MA-077635

▼ Features

- › Female plug SR11, 11-pin + PE
- › Angled plug connector
- › PUR cable
- › Cable length 5 m
- › With flying lead

▼ Connection cable with plug connector SR11, 10m



077630 C-M26F12-12X1,00PU10,0-MA-077630

▼ Features

- › Female plug SR11, 11-pin + PE
- › Straight plug connector
- › PUR cable
- › Cable length 10 m
- › With flying lead

▼ Connection cable with plug connector SR11, 10m, angled



077636 C-M26F12-12X1,0PU10,0-MA-077636

▼ Features

- › Female plug SR11, 11-pin + PE
- › Angled plug connector
- › PUR cable
- › Cable length 10 m
- › With flying lead

▼ Connection cable with plug connector SR11, 15m



077631 C-M26F12-12X1,00PU15,0-MA-077631

▼ Features

- › Female plug SR11, 11-pin + PE
 - › Straight plug connector
 - › PUR cable
 - › Cable length 15 m
 - › With flying lead
-

- Connection cable with plug connector SR11, 15m, angled



077637 C-M26F12-12X1,0PU15,0-MA-077637

Features

- Female plug SR11, 11-pin + PE
- Angled plug connector
- PUR cable
- Cable length 15 m
- With flying lead

- Connection cable with plug connector SR11, 20m



096632 C-M26F12-12X1,0PU20,0-MA-096632

Features

- Female plug SR11, 11-pin + PE
- Straight plug connector
- PUR cable
- Cable length 20 m
- With flying lead

- Connection cable with plug connector SR11, 25m



094749 C-M26F12-12X1,0PU25,0-MA-094749

Features

- Female plug SR11, 11-pin + PE
- Straight plug connector
- PUR cable
- Cable length 25 m
- With flying lead

Instructions

- Betriebsanleitung Sicherheitsschalter NZ.D.../NZ.W.../NZ.R...

| | Doc. no. | Version | Language | Download |
|---|----------|----------|----------|----------|
| Betriebsanleitung Sicherheitsschalter NZ.D.../NZ.W.../NZ.R... | 074549 | 10-01/17 | | 1.8 MB |
| Manual de instrucciones Interruptores de seguridad NZ.D.../NZ.W.../NZ.R... | | | | |
| Mode d'emploi Interrupteur de sécurité NZ.D.../NZ.W.../NZ.R... | | | | |
| Istruzioni di impiego Finecorsa di sicurezza NZ.D.../NZ.W.../NZ.R... | | | | |
| Operating Instructions Safety Switch NZ.D.../NZ.W.../NZ.R... | | | | |
| Instrukcja obsługi Wyłącznik bezpieczeństwa NZ.D.../NZ.W.../NZ.R... | 074549 | 10-01/17 | | 0.4 MB |

| | | | | |
|--|--------|----------|--|--------|
| Инструкция по эксплуатации Предохранительный выключатель NZ.D.../NZ.W.../NZ.R... | 074549 | 10-01/17 | | 0.6 MB |
| Návod na prevádzku Bezpečnostný spínač NZ.D.../NZ.W.../NZ.R... | 074549 | 10-01/17 | | 0.4 MB |

Catalogs

- Sicherheitsschalter mit Metallgehäuse Safety Switches with Metal Housing Bezpečnostní spínače s kovovým pouzdrém Interrupteurs de sécurité avec boîtier métallique 金属壳体 的安全开关 Interruptores de seguridad con carcasa metálica

| | Doc. no. | Version | Language | Download |
|---|----------|----------|----------|----------|
| Sicherheitsschalter mit Metallgehäuse | 100319 | 11-03/18 | | 7.9 MB |
| Interrupteurs de sécurité avec boîtier métallique | 100676 | 11-03/18 | | 7.9 MB |
| Interruptores de seguridad con carcasa metálica | 104856 | 11-03/18 | | 14.0 MB |
| Safety Switches with Metal Housing | 100369 | 11-03/18 | | 7.9 MB |
| Bezpečnostní spínače s kovovým pouzdrém | 121650 | 11-03/18 | | 7.9 MB |
| 金属壳体 的安全开关 | 102453 | 11-03/18 | | 8.2 MB |

Declaration of conformity

- EU prohlášení o shodě

| | Doc. no. | Version | Language | Download |
|--|----------|----------|----------------------------------|----------|
| EU-Konformitätserklärung Declaración UE de conformidad Déclaration UE de conformité Dichiarazione di conformità EU declaration of conformity | 2077153 | 25-02/17 | | 0.3 MB |
| EU prohlášení o shodě EU-overensstemmelseserklæring Δήλωση συμμόρφωσης της ΕΕ EU-vaatimustenmukaisuusvakuutus EU-típusbizonyítvány EU-conformiteitsverklaring Deklaracja zgodności UE Declaração de Conformidade UE Declarația de conformitate UE EÚ vyhlásenie o zhode | 2077153 | 25-02/17 | | 0.5 MB |

CAD data

CAD data for this item on TraceParts