

ITEM 091278 NZ2RL-538L060

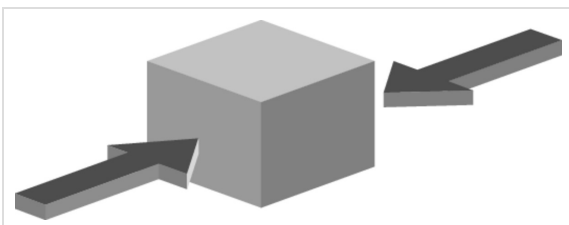
| Description | Technical data | Accessories | Downloads |
|-------------|----------------|-------------|-----------|
|-------------|----------------|-------------|-----------|



Features

- › Steel roller \varnothing 18 mm
- › Plug connector SR6
- › LED indicator

Approach direction



- › Figure
Horizontal
Can be adjusted in 90° steps

LED function display

A function display is available for the following voltage range:

- › AC/DC 12-60 V red

Switching element

538H Slow-action switching contact 2 NC \ominus

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 | 2 |
| Connection | 1 x Plug connector SR6 [1] |
| Approach speed | max. 0,1 ... 20 m/min |
| Actuating element | Plain bearing metal Roller plunger [2] |
| Actuating force | 15 ... 30 N |

Electrical connection ratings

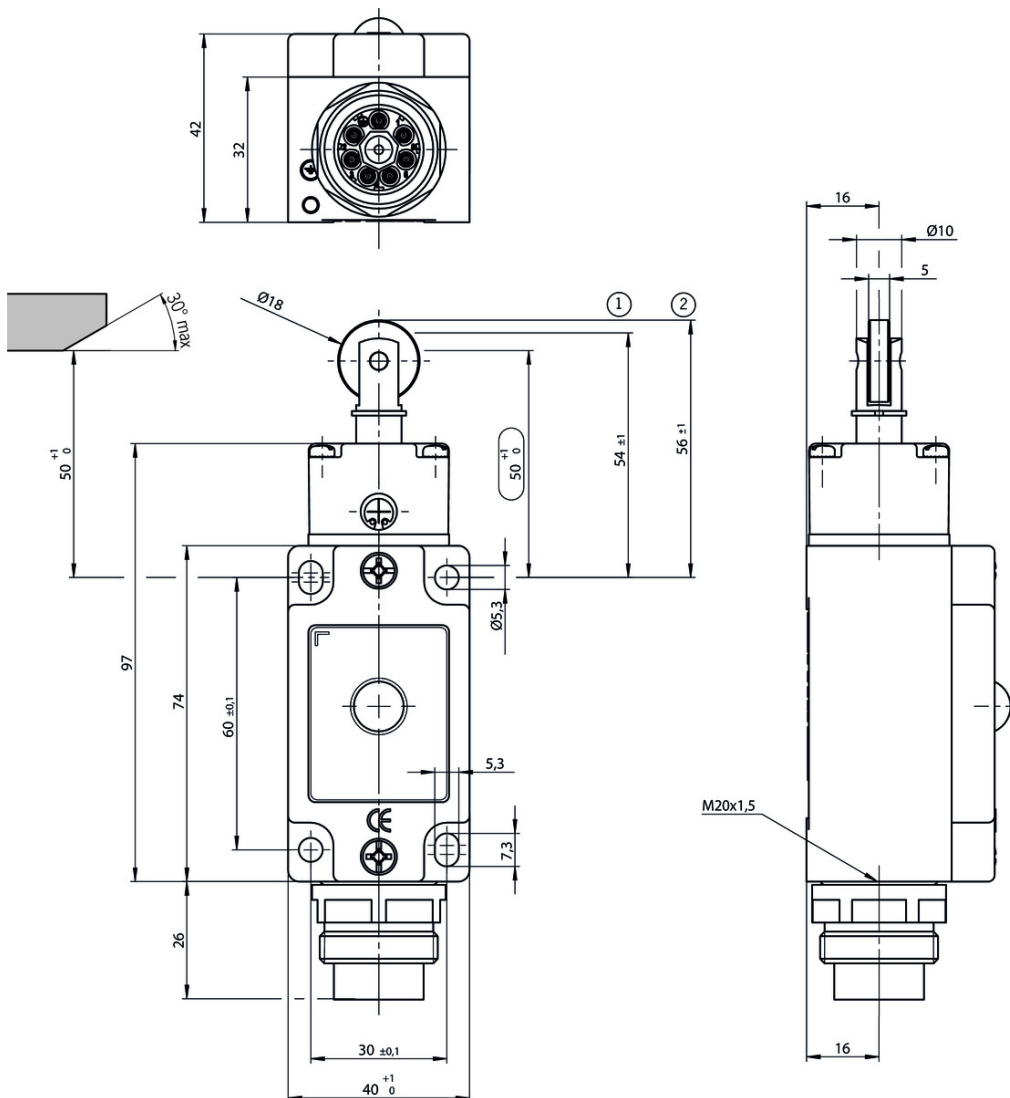
| | |
|---|-------------------------------|
| Rated thermal current I_{th} | 4 A |
| Utilization category according to EN 60947-5-1 | AC-15 4A 230V DC-13 4A 24V |
| Short circuit protection according to IEC 60269-1 | (Fuse) 4A gG |
| Rated insulation voltage U_i | 250 V |
| Rated impulse withstand voltage U_{imp} | 2,5 kV |
| Switching current | Min. at DC 24V 1 mA |
| Display module | AC/DC 12 ... 60 V |

Reliability values acc. to EN ISO 13849-1

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

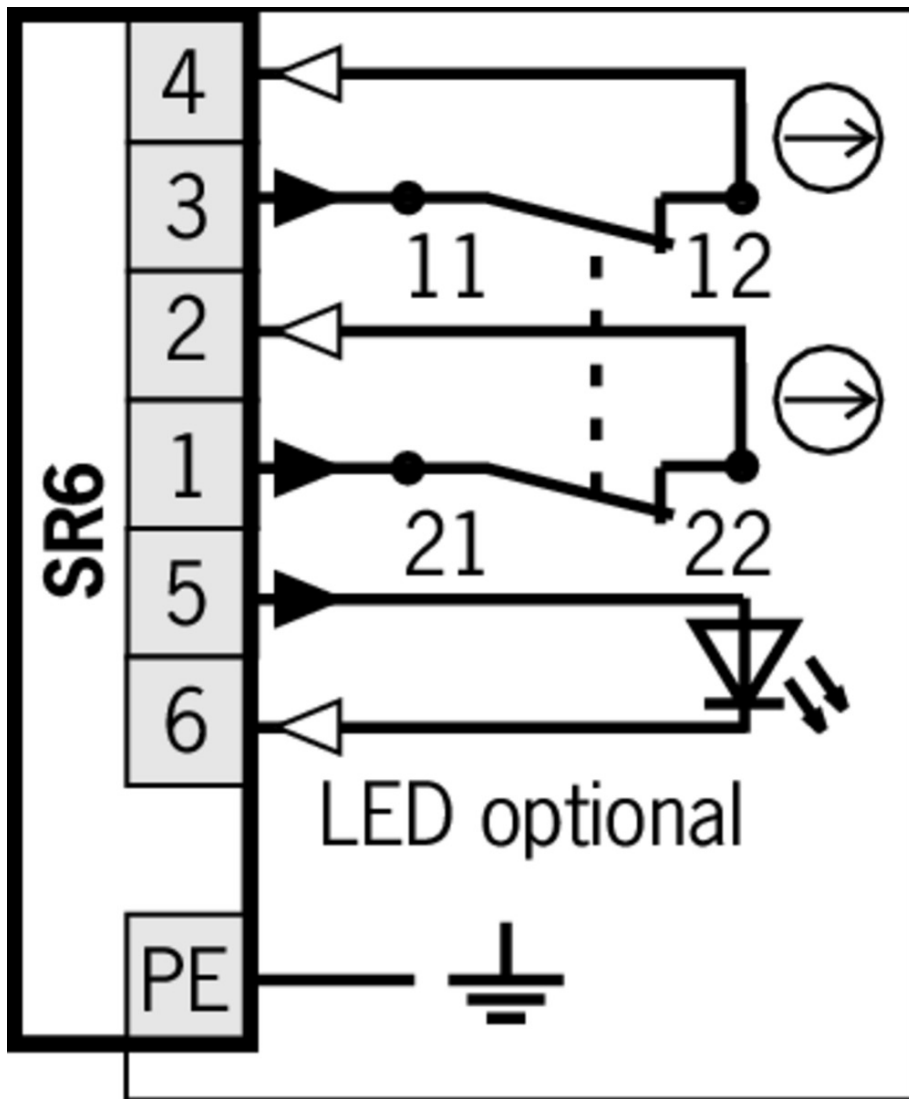
- [1] 6-pin + PE
- [2] d roller = 18 mm

Dimension drawing



Legende

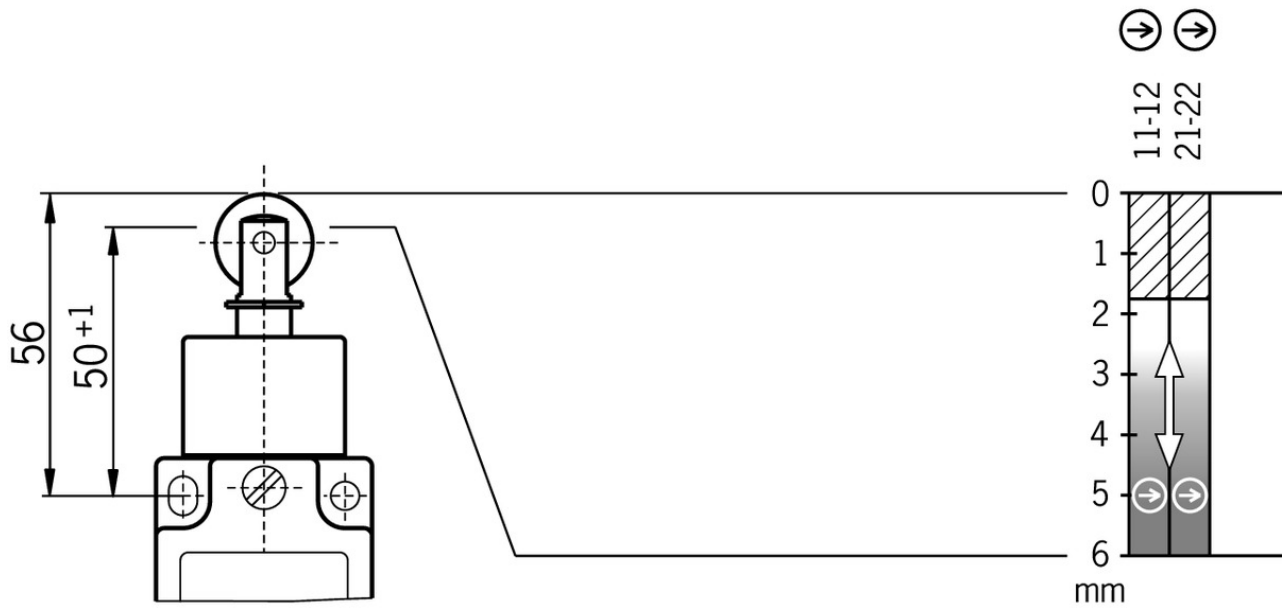
- 1 Operating point
- 2 Free position






Travel diagram

NZ...RL

538H



Legende

-  Contacts closed
-  Contacts open
-  Contacts positively driven

Connection material

Plug connector SR6



013176 SR6EF

Features

- › Crimp contacts
- › Coding shells



024999 SR6WFG11R

Features

- › Socket crimp contacts
- › 6-pin+PE
- › Contact carrier can be adjusted in 7 outlet directions

013178 SR6K

Features

- › Coding for plug connector SR6
- › Coding shells

087180 SR6AM2-M20

▣ Features

- › Crimp contacts
 - › Male socket
-

▣ Connection cable with plug connector SR6, 5m



077632 C-M26F07-07X1,0PU05,0-MA-077632

▣ Features

- › Female plug SR6, 6-pin + PE
 - › Straight plug connector
 - › PUR cable
 - › Cable length 5 m
 - › With flying lead
-

▣ Connection cable with plug connector SR6, 5m, angled



077638 C-R22F07-07X1,0PU05,0-MA-077638

▣ Features

- › Female plug SR6, 6-pin + PE
 - › Angled plug connector
 - › PUR cable
 - › Cable length 5 m
 - › With flying lead
-

▣ Connection cable with plug connector SR6, 10m



077633 C-M26F07-07X1,0PU10,0-MA-077633

▣ Features

- › Female plug SR6, 6-pin + PE
 - › Straight plug connector
 - › PUR cable
 - › Cable length 10 m
 - › With flying lead
-

▣ Connection cable with plug connector SR6, 10m, angled



077639 C-R22F07-07X1,0PU10,0-MA-077639

▣ Features

- › Female plug SR6, 6-pin + PE
 - › Angled plug connector
 - › PUR cable
 - › Cable length 10 m
 - › With flying lead
-

▣ Connection cable with plug connector SR6, 15m



077634 C-M26F07-07X1,0PU15,0-MA-077634

▣ Features

- › Female plug SR6, 6-pin + PE
- › Straight plug connector

- › PUR cable
- › Cable length 15 m
- › With flying lead

▼ Connection cable with plug connector SR6, 15m, angled



077640 C-R22F07-07X1,0PU15,0-MA-077640

▼ Features

- › Female plug SR6, 6-pin + PE
- › Angled plug connector
- › PUR cable
- › Cable length 15 m
- › With flying lead

▼ Connection cable with plug connector SR6, 20m



098128 C-M26F07-07X1,0PU20,0-MA-098128

▼ Features

- › Female plug SR6, 6-pin + PE
- › Straight plug connector
- › PUR cable
- › Cable length 20 m
- › With flying lead

Function expansion

▼ LED function display NZ



029220 NGLE060RT

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