

## ITEM 092625 NX1-2121A-M

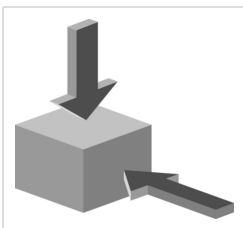
Description	Technical data	Accessories	Downloads
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### Features

- › Cable entry M20 x 1.5

### Approach direction



- › Figure  
Horizontal and vertical  
Can be adjusted in 90° steps

### Switching element

**2121** Slow-action switching contact 4 NC ⊖

## Approvals



## Mechanical values and environment

Housing material	Die-cast alloy cathodically dipped
Weight	Net 0,4 kg
Ambient temperature	-20 ... 80 °C
Degree of protection	IP67
Mechanical life	$2 \times 10^6$
Contact material	Silver alloy, gold flashed
Switching principle	Slow-action switching contact
Installation position	Any
Number of door position positively driven contacts	4
Connection	3 x M20 x 1.5
Approach speed	max.20 m/min
Actuation frequency	1200 1/h
Retention force	10 N
Extraction force	50 N
Actuating force	40 N
Insertion depth	32 mm

## 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 $U_i$	AC/DC 250 V
Rated impulse withstand voltage $U_{imp}$	2,5 kV
Switching voltage	12 V
Switching current	Min. at 24V 1 mA
Connection cross-section	0,34 ... 1,5 mm <sup>2</sup>

## Reliability values acc. to EN ISO 13849-1

	<b>Monitoring of the safety guard position</b>
B10 <sub>D</sub>	4,5 x 10 <sup>6</sup>

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**in combination with Actuator BETAETIGER-X-GQ, 079740**

### Mechanical values and environment

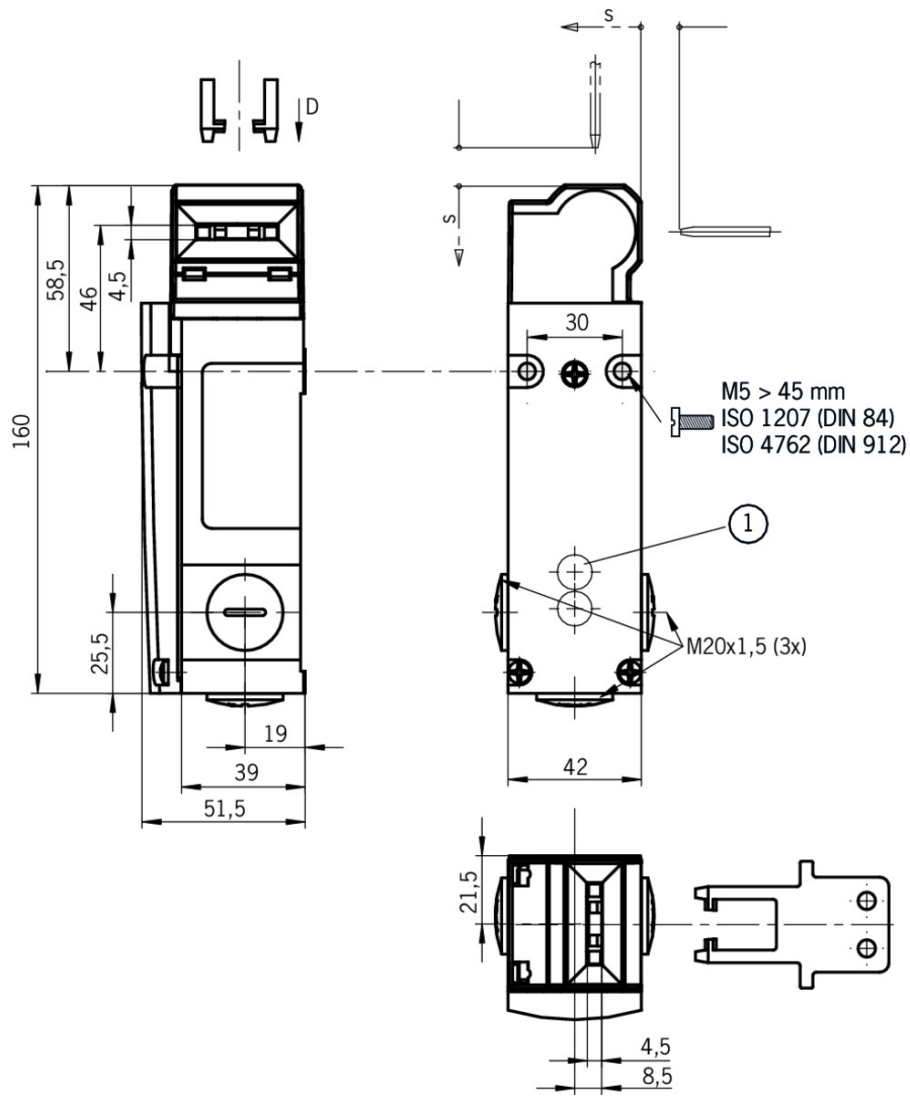
Overtravel	1 mm
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**in combination with Actuator BETAETIGER-X-GNQ, 079742, 098082, 097906**

### Mechanical values and environment

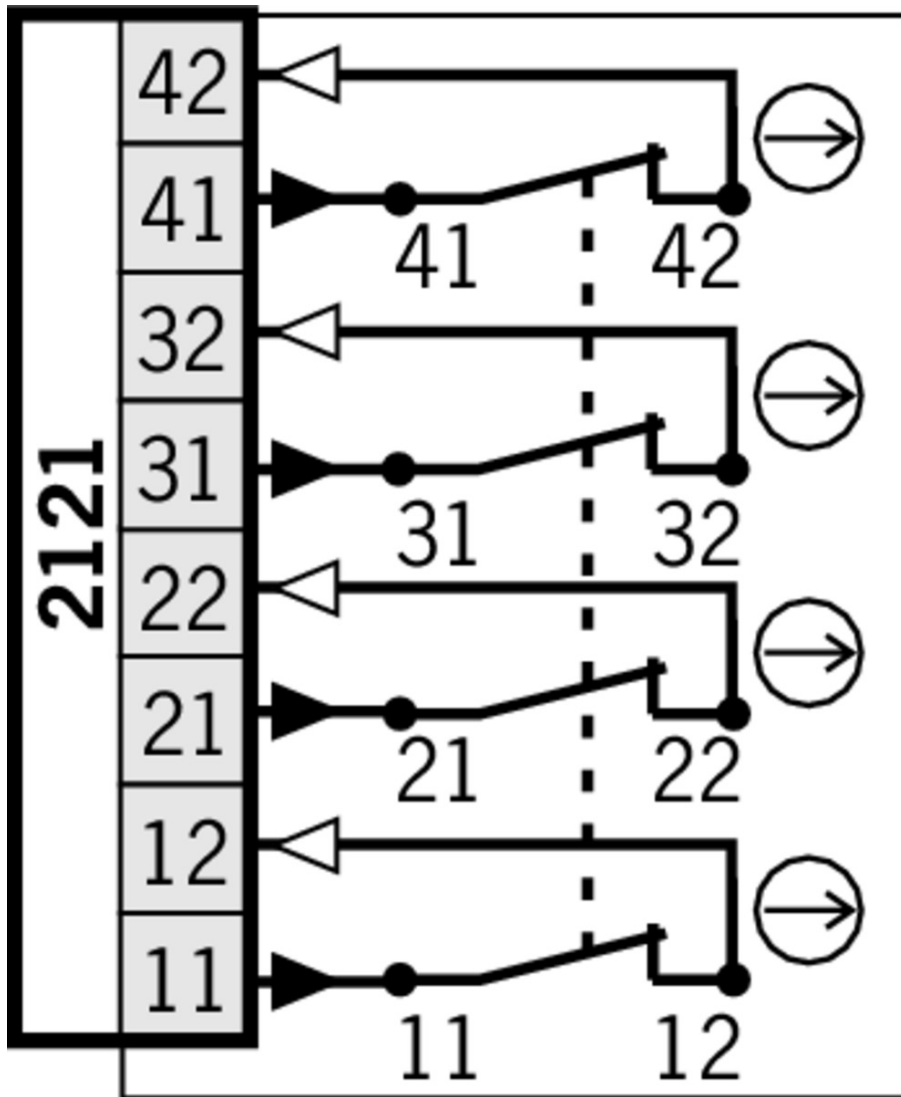
Overtravel	8 mm
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# Dimension drawing

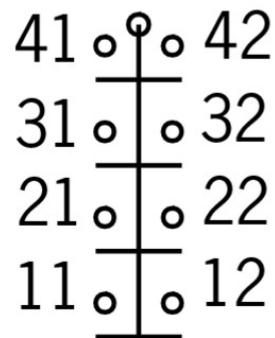
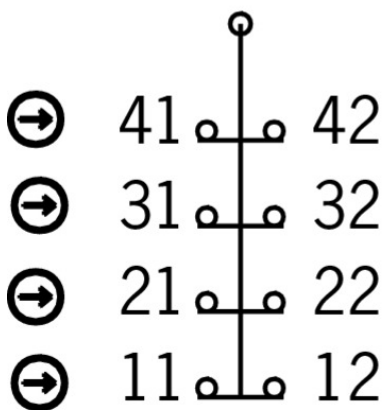
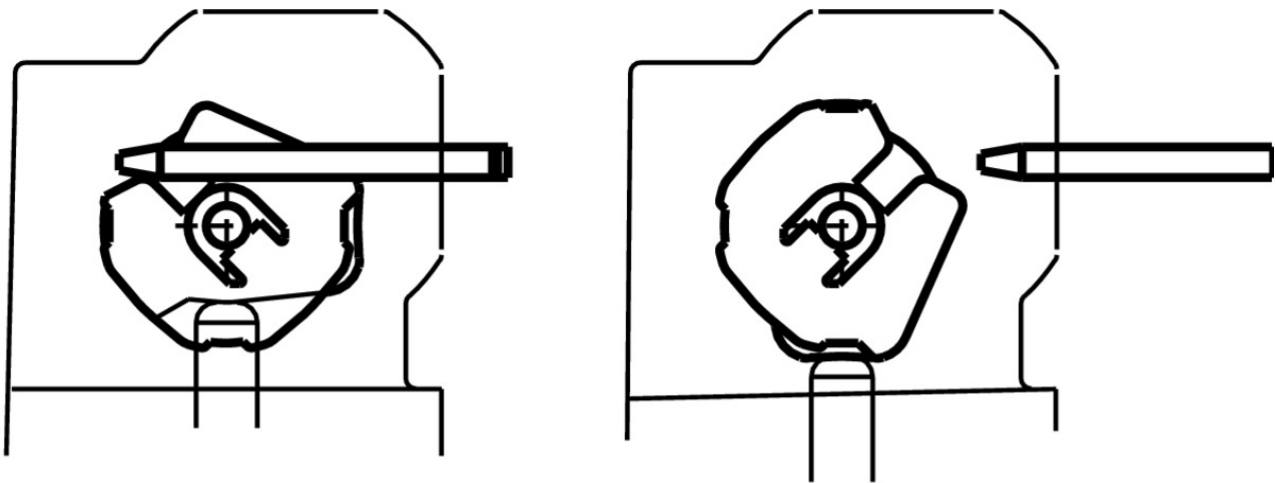


## Legende

1 LED indicator



## Switching functions



## Actuator

- ✓ Bent actuator for safety switches NX/TX



### 079740 BETAETIGER-X-WQ

#### ✓ Features

- › Actuators made of stainless steel
- › Two stainless safety screws per actuator
- › With rubber bush

- ✓ Actuators for safety switches NX/TX, increased overtravel



### 079741 BETAETIGER-X-GNQ

#### ✓ Features

- › Actuators made of stainless steel
- › Two stainless safety screws per actuator
- › With rubber bush

- ✓ Bent actuator for safety switches NX/TX, increased overtravel



### 079742 BETAETIGER-X-WNQ

#### ✓ Features

- › Actuators made of stainless steel

- › Two stainless safety screws per actuator
  - › With rubber bush
- 

▼ Hinged actuator left/right for safety switches NX/TX



**098082** RADIUSBETAETIGER-X-LR-N

▼ Features

- › Actuators made of stainless steel
  - › Two stainless safety screws per actuator
- 

▼ Hinged actuator top/bottom for safety switches NX/TX



**097906** RADIUSBETAETIGER-X-OU-N

▼ Features

- › Actuators made of stainless steel
  - › Two stainless safety screws per actuator
- 

▼ Actuators for safety switches NX/TX



**079739** BETAETIGER-X-GQ

▼ Features

- › Actuators made of stainless steel
  - › Two stainless safety screws per actuator
  - › With rubber bush
- 

## Bolt

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▼ Bolt TX-A for safety switches TX and NX



**082990** RIEGEL TX-A

▼ Features

- › Steel bolt
  - › For doors hinged on the right
  - › Can be locked in open position with padlocks
  - › Actuator and switch bracket included
- 

▼ Bolt TX-C for safety switches TX and NX



**082991** RIEGEL TX-C

▼ Features

- › Steel bolt
  - › For doors hinged on the left
  - › Can be locked in open position with padlocks
  - › Actuator and switch bracket included
- 

## Function expansion

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▼ Lockout mechanism NX/TX



## 096098 SPERREINSATZ TX

### Features

- › Prevents unintentional closing of the door
- › Can be secured with padlocks

## Connection material

### Cable glands M20x1.5



**077683** EKVM20/06



**077684** EKVM20/09

## Instructions

### Betriebsanleitung Sicherheitsschalter NX...

	Doc. no.	Version	Language	Download
Betriebsanleitung Sicherheitsschalter NX...	093784	05-08/15		1.2 MB
Mode d'emploi Interrupteur de sécurité NX...				
Istruzioni di impiego Finecorsa di sicurezza NX...				
Operating Instructions Safety Switches NX...				

## Catalogs

### Sicherheitsschalter mit Metallgehäuse Safety Switches with Metal Housing Bezpečnostní spínače s kovovým pouzdem 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 pouzdem	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
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EU-Konformitätserklärung	2077153	25-02/17		 0.3 MB
Declaración UE de conformidad				
Déclaration UE de conformité				
Dichiarazione di conformità				
EU declaration of conformity				
EU prohlášení o shodě	2077153	25-02/17		 0.5 MB
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				

### CAD data

CAD data for this item on TraceParts