

## ITEM 084528 NM11HBA-M

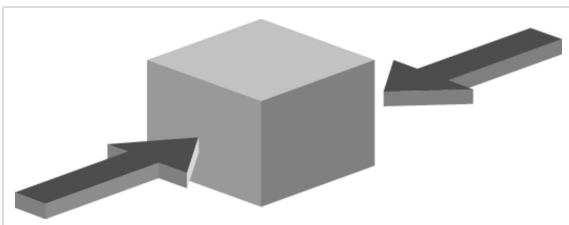
Description	Technical data	Accessories	Downloads
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### Features

- › Cable entry M16 x 1.5

### Approach direction



- › Figure  
Horizontal  
Can be adjusted in 90° steps

### Switching element

**ES11** Slow-action switching contact 1 NC $\ominus$  + 1 NO

## Approvals



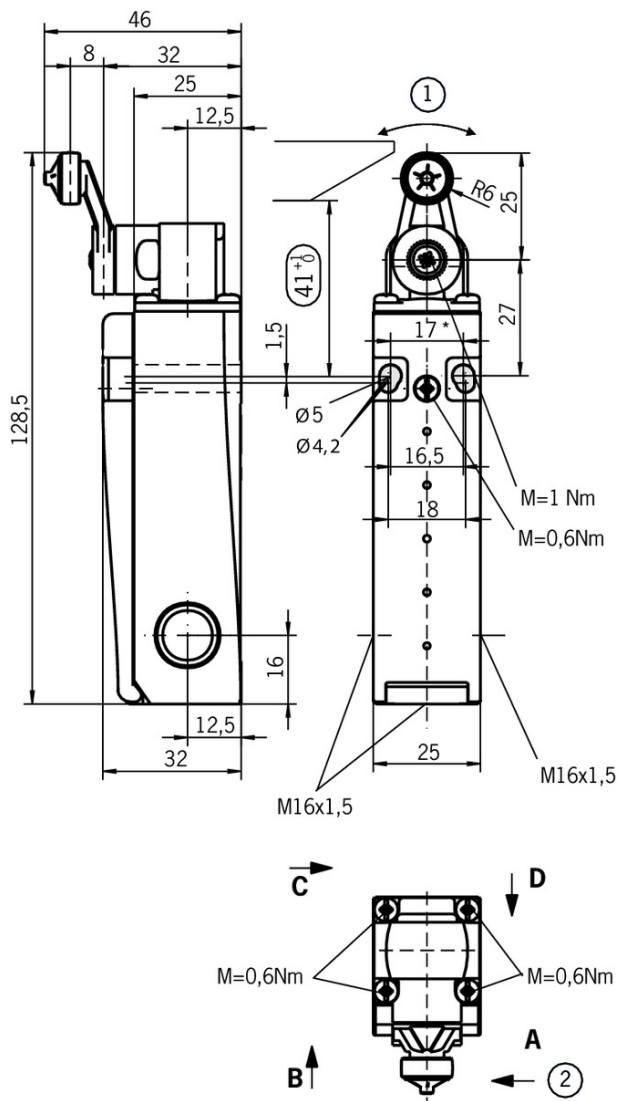
## Mechanical values and environment

Ambient temperature	-20 ... 80 °C
Mechanical life	$20 \times 10^6$
Number of door position positively driven contacts	1
Number of door position NO contacts	1
Actuation frequency	5000 1/h
Actuating torque	0,1 Nm

## Electrical connection ratings

Rated thermal current $I_{th}$	4 A
Utilization category according to EN 60947-5-1	AC-15 DC-13
Rated insulation voltage $U_i$	250 V
Rated impulse withstand voltage $U_{imp}$	2,5 kV
Connection cross-section	0,34 ... 1,5 mm <sup>2</sup>

## Dimension drawing



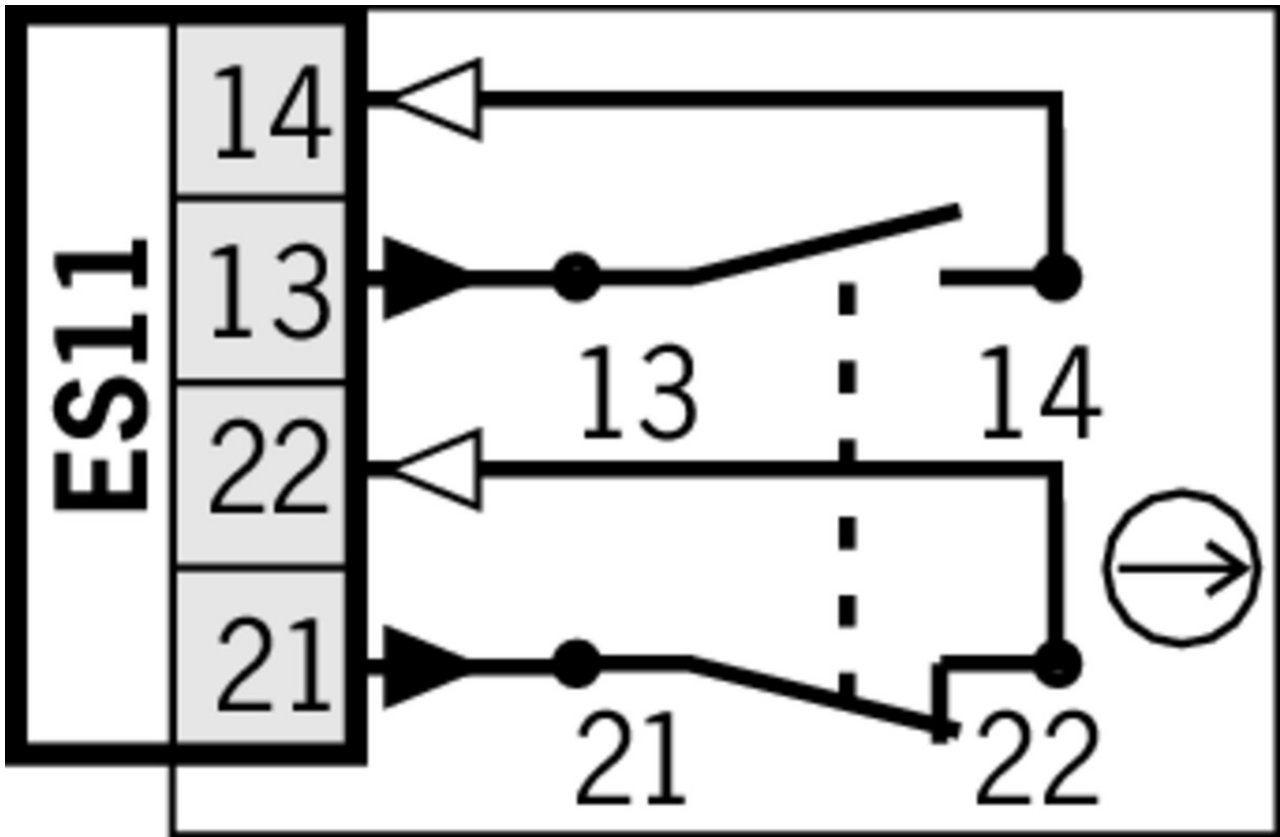
## Legende

1 Actuating direction

2 Standard

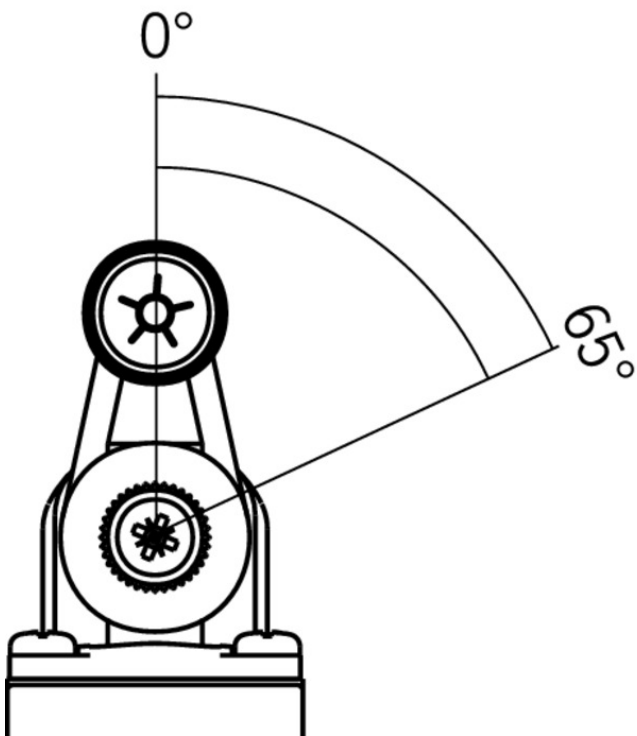
\* fixed positioning for safety-related applications (M5)

ES11

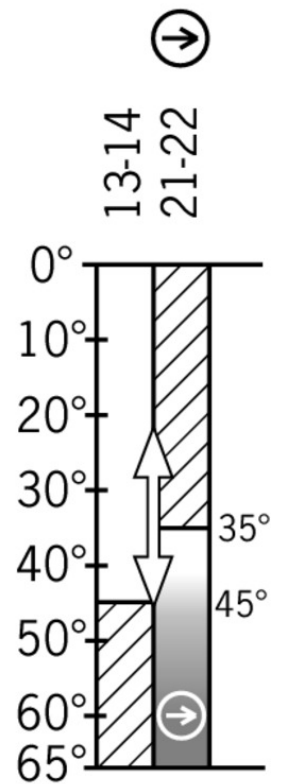


Travel diagram

NM...HB



ES11



## Mounting accessories

### ▼ Mounting plates EMP-SC for safety switches NM, NP...AS and NZ



**085753** EMP-SC

#### ▼ Features

- › For vertical and horizontal mounting of safety switches NM, NP...AS and NZ

## Connection material

### ▼ Cable glands M16x1.5



**084572** EKPM16/05

## Instructions












### ▼ Manual de instrucciones Interruptores de seguridad NM..HB

	Doc. no.	Version	Language	Download
Betriebsanleitung Sicherheitsschalter NM..HB Operating Instructions Safety Switch NM..HB	2084462	07-02/18	 	1.5 MB
Mode d'emploi Interrupteur de sécurité NM..HB	2084462	07-02/18		0.8 MB
Manual de instrucciones Interruptores de seguridad NM..HB	2084462	07-02/18		0.8 MB
Istruzioni di impiego Finecorsa di sicurezza NM..HB	2084462	07-02/18		0.8 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	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