

ITEM 079118 NM11AL-M

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



**Features**

- › Hinged actuator as solid shaft
- › Shaft length 110 mm

**Switching element**

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

**Approvals**



**Mechanical values and environment**

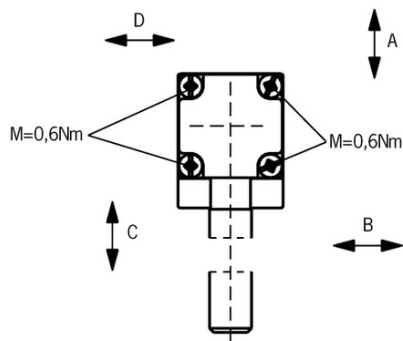
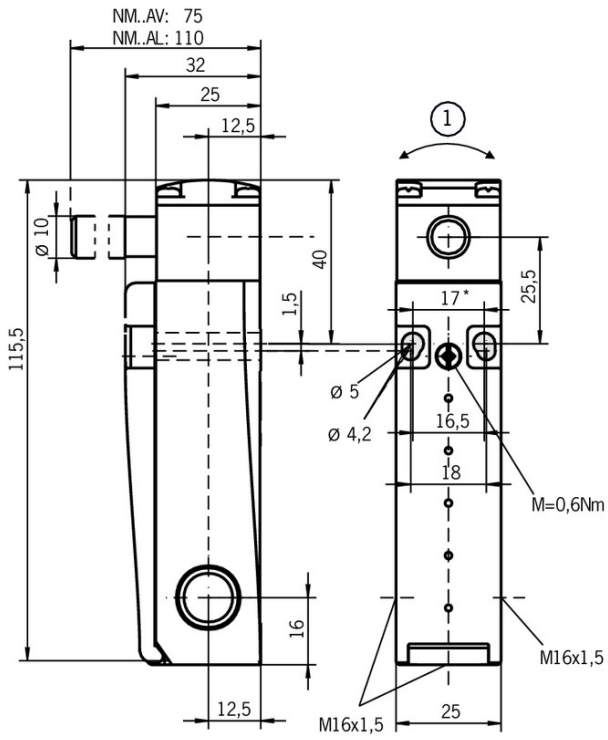
Ambient temperature	-20 ... 80 °C
Mechanical life	4 x 10 <sup>6</sup>

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

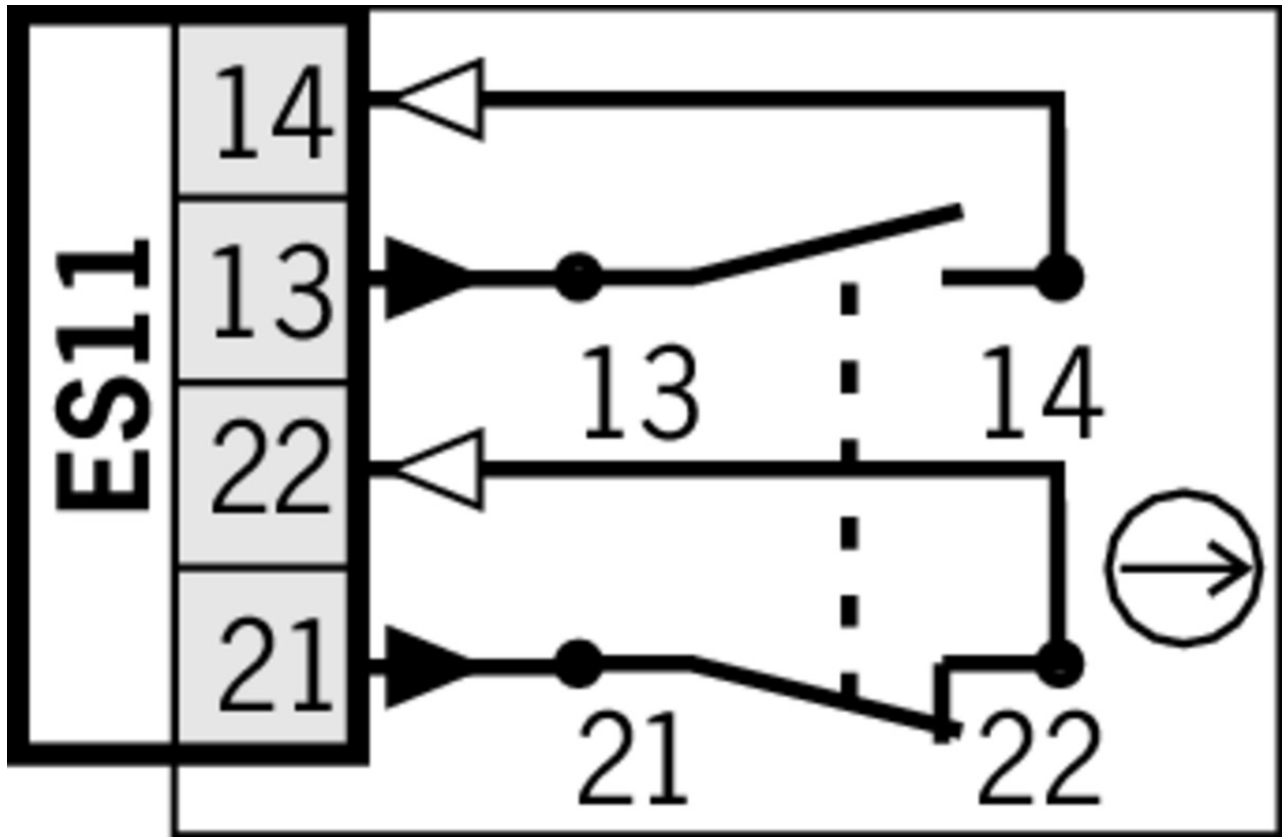
Rated thermal current $I_{th}$	4 A
Utilization category according to EN 60947-5-1	AC-15 DC-13
Rated insulation voltage $U_i$	250 V
Rated impulse withstand voltage $U_{imp}$	2,5 kV
Connection cross-section	0,34 ... 1,5 mm <sup>2</sup>

# Dimension drawing



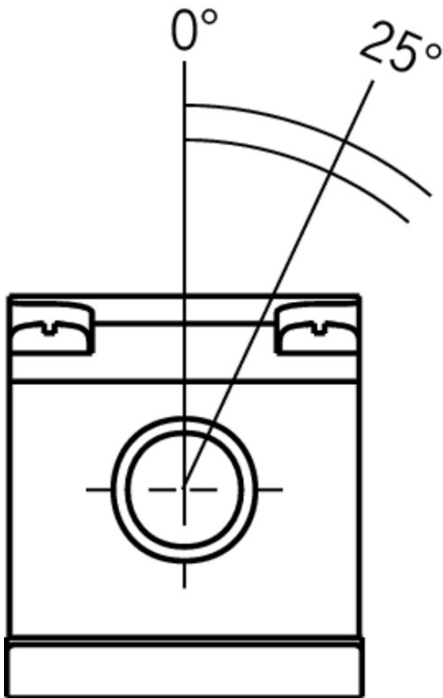
## Legende

1 Actuating direction



## Travel diagram

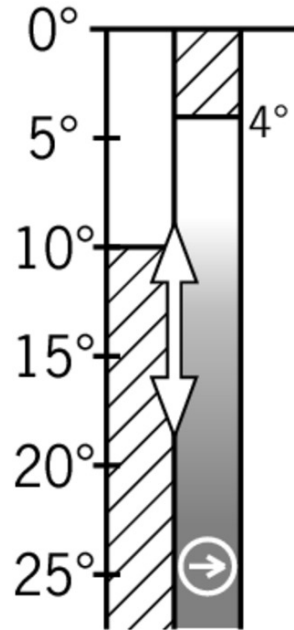
**NM...AV**  
**NM..AL**  
**NM..AG**  
**NM..AK**






**ES11**



13-14  
21-22



## Legende

-  Contacts closed
-  Contacts open
-  Contacts positively driven

## 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..AV/AL

	Doc. no.	Version	Language	Download
Betriebsanleitung Sicherheitsschalter NM..AV/AL Operating Instructions Safety Switch NM..AV/AL	2084463	07-02/18	 	0.9 MB
Mode d'emploi Interrupteur de sécurité NM..AV/AL	2084463	07-02/18		0.5 MB
Manual de instrucciones Interruptores de seguridad NM..AV/AL	2084463	07-02/18		0.5 MB
Istruzioni di impiego Finecorsa di sicurezza NM..AV/AL	2084463	07-02/18		0.5 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