

## Datasheet - EX-M. 441-11Y-14-1276-2

Slack-wire switch / EX-441 Slack-wire switch



- Suitable for heavy duty
- 2 cable entries

(Minor differences between the printed image and the original product may exist!)

### Ordering details


Product type description	EX-M. 441-11Y-14-1276-2
Article number	EX-M. 441-11Y-14-1276-2
EAN Code	
eCl@ss	27-27-26-01

### Approval

Approval



### Global Properties

Permanent light	EX-441 Schlaffseilschalter
Standards	EN 60947-5-1
Compliance with the Directives (Y/N) 	Yes
Suitable for safety functions (Y/N)	No
Standard housing (Y/N)	No
Materials	
- Material of the housings	cast iron, galvanized
- Material of the contacts	Silver
Housing coating	painted
Weight	

## Mechanical data

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Design of electrical connection	Screw connection
Cable section	
- Min. Cable section	1.5
- Max. Cable section	2.5
AWG-Number	13
Active principle	mechanical
Mechanical life	10.000.000 operations
Switching frequency	3000
notice	All indications about the cable section are including the conductor ferrules.
Bounce duration	≤ 5
Switchover time	≤ 35
Contact opening	2 x 2.5

## Ambient conditions

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Ambient temperature	
- Min. environmental temperature	-20
- Max. environmental temperature	+60
Protection class	IP65, IP66 and IP67 to IEC/EN 60529

## Electrical data

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Design of control element	Normally open contact (NO), Opener (NC)
Switching principle	Snap switch element
Number of shutters	1
Number of openers	1
Rated impulse withstand voltage	4
Rated insulation voltage	250
Thermal test current	16 A
Utilisation category	AC-15: 230 V / 4 A
Max. fuse rating	16 A gG D-fuse

## Dimensions

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Dimensions of the sensor	
- Width of sensor	106
- Height of sensor	181
- Length of sensor	63

## Diagram


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



Note Diagram

 positive break NC contact

 active

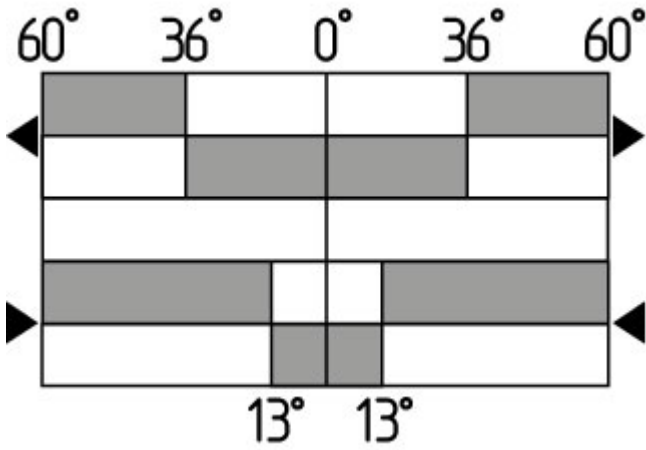
 no active

 Normally-open contact

 Normally-closed contact

## Switch travel diagram

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### Notes Switch travel diagram

■ Contact closed

□ Contact open

▨ Setting range

Ⓛ Break point

Ⓟ Positive opening sequence/- angle

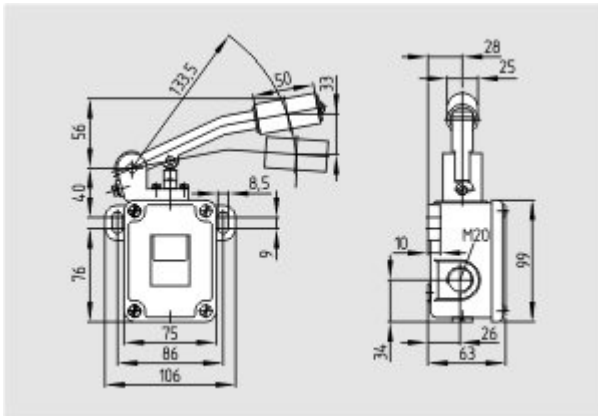
**VS** adjustable range of NO contact

**VÖ** adjustable range of NC contact

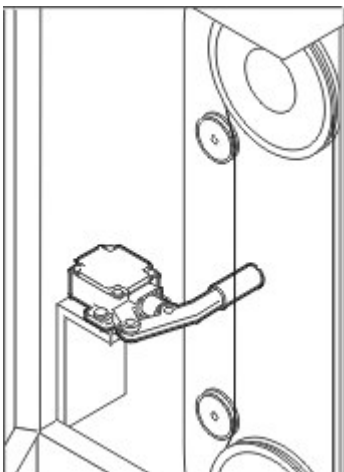
**N** after travel

## Images

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Dimensional drawing (basic component)



Application

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The data and values have been checked thoroughly. Technical modifications and errors excepted.

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