

# Safety switch

## Series SKT-ASI

Description <b>ASI SKT D</b>	Article number <b>6073200029</b>
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**Operating symbol**

**Operating diagram**

Fixed positioning for safety applications.

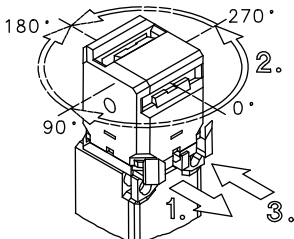
Mounting screw M5 according to the standard DIN EN ISO 4762.

On
  Off

Tolerance:  
 Operating Point  $\pm 0,25$  mm;  
 Operating force  $\pm 10$  %

Electrical data	
Operating voltage	U 18 ... 31,6 V; via AS-interface, reverse-polarity proof
Operating current	I < 40 mA
AS-i Specifications	Profile S-0.B IO-Code: 0x0 ID-Code: 0xB ID-Code1: 0xF ID-Code2: 0xE
AS-i Inputs	Contact 1: Data bits D0/D1 = static 00 or dynamic code transmission Contact 2: Data bits D2/D3 = static 00 or dynamic code transmission
Parameter bits	no function
AS-i Address	preset address: 0

Mechanical data		
Enclosure		Thermoplastic, glass fibre reinforced (UL94-V0)
Cover		Thermoplastic, glass fibre reinforced (UL94-V0)
Indication		LEDs for slave and bus state
Actuator		Separate actuator (steel, stainless steel)
Ambient air temperature		-25 °C ... +70 °C
Contact type		2 NC (slow-action, Zb)
Direct opening action	→	acc. to IEC/EN 60947-5-1, Annex K
Mechanical life		1 x 10 <sup>6</sup> operating cycles
Switching frequency		≤ 30 / min.
Assembly	Safety switch	2 x M4 or M5
	Actuator	2 x M4 (enclosed)
Connection		Contacted via piercing technology
Line Type		AS-Interface <sup>®</sup> ribbon cable yellow
Weight		≈ 0,08 kg
Installation position		operator definable
Protection type		IP65 acc. to EN 60529

Actuation
<p>To achieve the 8 different actuator points please follow the next instructions.</p> <p>(1) pull fixing clamp (2) turn actuator (3) push fixing clamp</p>


Standards
VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
EN 50295, EN ISO 13849-1, EN 62061

EU Conformity
acc. to directive EMC

ID for safety engineering	
Electronics	MTTFd >100 years
	PFH 1,05 x 10 <sup>-9</sup> 1/h
Mechanics	B10d 2 x 10 <sup>6</sup> cycles

Notes
<p>The degree of protection specified (IP code) applies only to a properly closed cover and the use of an equivalent connector. The switch may not be used as a mechanical stop. Tapped holes not in use must be closed with blind plugs.</p>