



Figure similar

SAFETY POSITION SWITCH WITH SEPARATE ACTUATOR, 5 DIRECTIONS OF APPROACH METAL ENCLOSURE, ACC. TO EN50047, ASISAFE INTEGRATED AS-I STATUS:1:F-IN1 , 2:F-IN2 3:AS-I/FAULT SLOW-ACTION CONTACTS 2NC, WITH M12 CONNECTOR 4-POLE CHANNEL 1 ON NC,CHANNEL 2 ON NC

Product designation	position switch with separate actuator with ASIsafe
Manufacturer's article number	
of the optional actuators	3SE5000-0AV01 standard actuator, 3SE5000-0AV02 actuator with vertical fixing, 3SE5000-0AV03 actuator with transverse fixing, 3SE5000-0AV04 radius actuator left, 3SE5000-0AV05 universal actuator, 3SE5000-0AV06 radius actuator right
General technical data	
Product function	
positive opening	Yes
Insulation voltage	
rated value	30 V
Degree of pollution	class 3
Surge voltage resistance rated value	0.8 kV
Protection class IP	IP66/IP67
Vibration resistance	
acc. to IEC 60068-2-6	0.35 mm/5g
Mechanical service life (switching cycles)	
typical	1 000 000

Material of the enclosure of the switch head	plastic enclosure
Equipment marking	
• acc. to DIN EN 61346-2	B
• acc. to DIN EN 81346-2	B
Active principle	mechanical
Repeat accuracy	0.1 mm
Minimum actuating force in activation direction	20 N

Enclosure

Design of the housing	block, narrow
Material of the enclosure	metal
Coating of the enclosure	cathodic immersion coating
Design of the housing acc. to standard	Yes

Drive Head

Design of the operating mechanism	without
Design of the switching function	positive opening

Connections/Terminals

Type of electrical connection	M12 plug, fixed, 4-pole
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Mechanical data

Design of plug-in connection	M12 plug, 4-pole: Pin 1 = ASI+ , Pin 2 = not assigned, Pin 3= ASI- , Pin 4 = not assigned
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Ambient conditions

Ambient temperature	
• during operation	-25 ... +60 °C
• during storage	-40 ... +80 °C

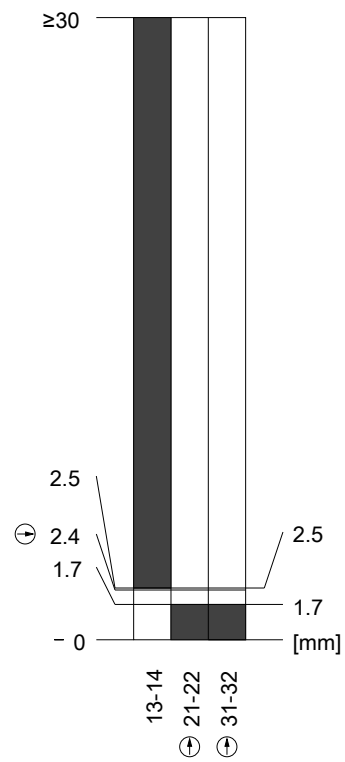
Supply voltage

Type of voltage of the supply voltage	
• of the optional LED indicator	DC
Supply voltage	
• of LED	24 V

Installation/ mounting/ dimensions

Mounting position	any
Mounting type	screw fixing

Certificates/approvals



last modified:

10/07/2016