



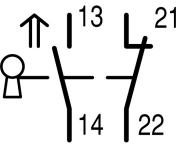

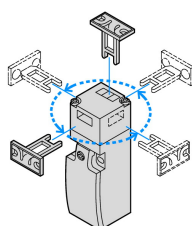
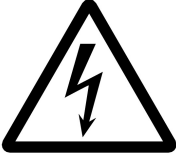


Safety position switch

Part no. LS-S11S-ZB

Article no. 106877

Delivery programme

Basic function		Position switches Safety position switches
Part group reference		LS(4)...ZB
Product range		Safety position switches
Protection type		IP66
Description		With the actuator inserted, the N/O contact is open and the NC contact is closed.
Auxiliary contacts:  = safety function, by positive opening to IEC/EN 60947-5-1		
N/O = Normally open		1 N/O
N/C = Normally closed		1 N/C 
Contact sequence		
Approval		
Housing		Insulated material
Connection type		Screw terminal
Notes With the actuator inserted, the NO contact is open and the NC contact is closed. 		
Notes  <p>Switch must never be used as a mechanical stop!</p> <p>For degree of protection IP65, use V-M20 cable glands with connecting thread of max. 9 mm length</p>		

Approvals

Product Standards
UL File No.
UL CCN
CSA File No.

IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14; CE marking
E29184
NKCR
12528


General

Standards			IEC/EN 60947
Climatic proofing			Damp heat, constant, to IEC 60068-2-78; damp heat, cyclical, to IEC 60068-2-30
Ambient temperature		°C	- 25 - + 70
Mounting position			As required
Protection type			IP66
Terminal capacities		mm ²	
Solid		mm ²	1 x (0.5 - 1.5) 2 x (0.5 - 1.5)
Flexible with ferrules to DIN 46228		mm ²	1 x (0.5 - 1.5) 2 x (0.5 - 1.5)
Terminal screw			PH1
Tightening torque of terminal screw		Nm	0.4

Contacts/switching capacity

Rated impulse withstand voltage	U _{imp}	V AC	6000
Rated insulation voltage	U _i	V	500
Overvoltage category/pollution degree			III/3
Rated operational current	I _e	A	
AC-15			
24 V	I _e	A	6
230 V/240 V	I _e	A	6
400 V/415 V	I _e	A	4
DC-13			
24 V	I _e	A	3
110 V	I _e	A	0.6
220 V	I _e	A	0.3
Supply frequency		Hz	max. 400
Short-circuit rating to IEC/EN 60947-5-1			
max. fuse		A gG/ gL	6
Repetition accuracy		mm	0.15

Mechanical variables

Lifespan		S	
Standard-action contact	Operations	x 10 ⁶	1.5
Mechanical shock resistance (half-sinusoidal shock, 20 ms)			
Standard-action contact		g	25
Operating frequency	Operations/ h		 1800

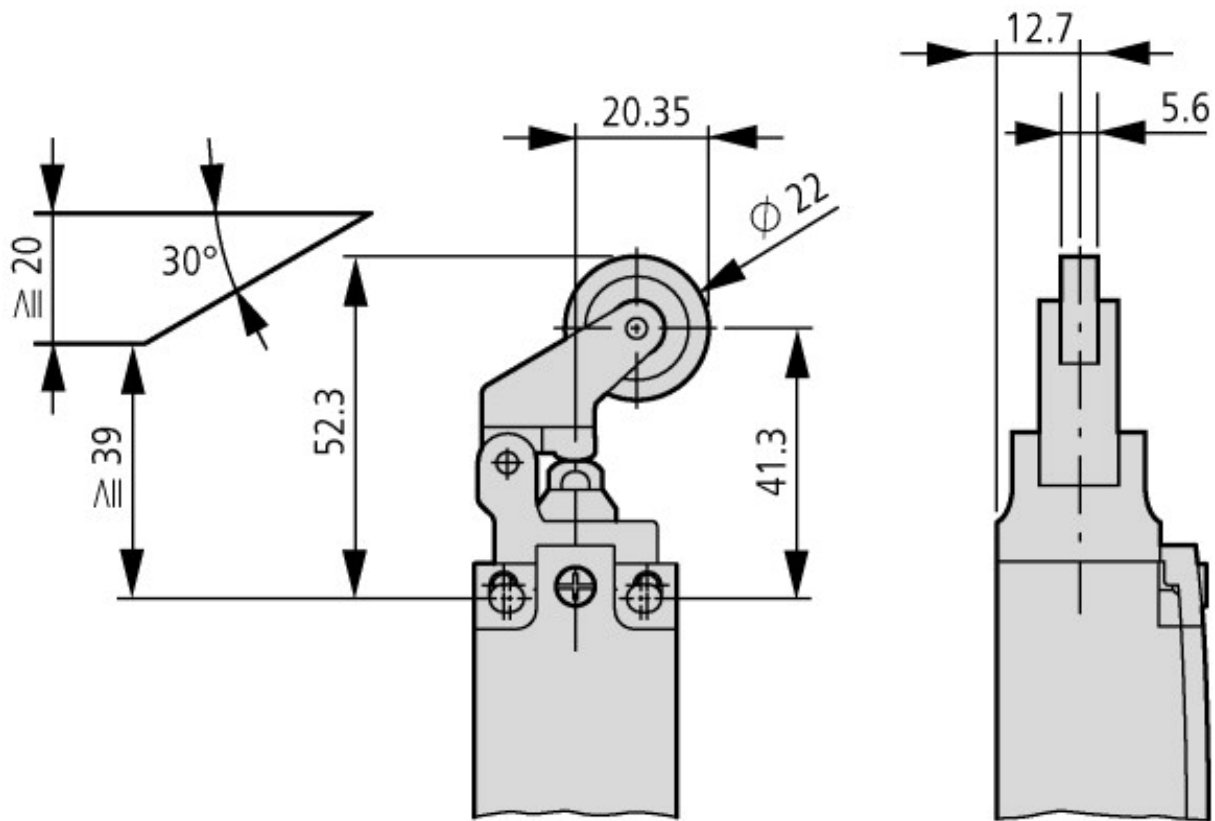
Actuation

Mechanical			
Actuating force at beginning/end of stroke			
ZB/ZBZ (push in/pull out)		N	10/5

Technical data ETIM 4.0

Switch function			Standard-action contact
Material housing			Insulated material
Suitable for safety functions			YES
Degree of protection (IP)			IP66
Positive opening			YES
Type of control element			-
Width sensor		mm	30
Height of sensor		mm	96

Dimensions



Switch must not be used as a mechanical stop
 Terminal marking according to EN 50 013
 Travel [mm]
 = Contact closed
 = Contact open
 Zw = Positive opening sequence

Additional product information (links)

IL05208003Z (AWA1310-2374) Safety position switch

IL05208003Z (AWA1310-2374) Safety position switch

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05208003Z2011_11.pdf

IL05208004Z (AWA1310-2367) Safety position switch

IL05208004Z (AWA1310-2367) Safety position switch

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05208004Z2011_11.pdf