

Position switch, 2 N/C, rounded plunger

Part no.	LS-
Article no.	266

-02 6107



Catalog No.

LS-02

Delivery programme

Basic function Particle productions witchines Part group reference LSMM Product range Rounded glunger Product range Poil Product range Poil <td< th=""><th></th><th></th><th></th></td<>			
Product range Product range<	Basic function		
Protection type <td< td=""><td>Part group reference</td><td></td><td>LS(M)</td></td<>	Part group reference		LS(M)
Fractures Andbeint temperature Control Saise device, expandable Ambient temperature 25 - 70 Control 26 - 27 Note - Normally closed Image: Saise device, expandable Note - Normally closed Image: Saise device, expandable Control transmerter Image: Saise device, expandable Positive opening (ZW) Image: Saise device, expandable Control transmerter Image: Saise device, expandable Positive opening (ZW) Image: Saise device, expandable Control transmerter Image: Saise device, expandable Reusing Image: Saise device, expandable	Product range		Rounded plunger
Ambient temperature -25 - 170 Contacts 2NC © Notes 2NC © Notes ©	Protection type		IP66, IP67
Contacts Image: Contact Sequence Image: Contact Sequence <thimage: contact="" sequence<="" th=""> Ima</thimage:>	Features		Basic device, expandable
MC = Normely closed ZNC I ZNC I Notes Image: Sequence Image:	Ambient temperature	°C	-25 - +70
Notas Image: State S	Contacts		
Contact sequence Image: Sequence Image: Sequence Image: Sequence Contact travel = Contact closed = Contact open Image: Sequence Image: Sequence Image: Sequence Positive opening (ZV) Image: Sequence Image: Sequence Image: Sequence Image: Sequence Positive opening (ZV) Image: Sequence Image: Seque: Sequence Image: Sequence<	N/C = Normally closed		2 NC \varTheta
Contact sequence Image: Sequence Image: Sequence Image: Sequence Contact trave = Contact closed = Contact open Image: Sequence Image: Sequence Image: Sequence Positive opening (ZV) Image: Sequence Image: Sequence Image: Sequence Image: Sequence Positive opening (ZV) Image: Sequence Image: Seque: Sequence Image: Sequence </td <td>Notes</td> <td></td> <td>Θ = safety function, by positive opening to IEC/EN 60947-5-1</td>	Notes		Θ = safety function, by positive opening to IEC/EN 60947-5-1
Positive opening (ZW) yes Colour yes Enclosure covers Vellow Enclosure covers Vellow Enclosure covers Vellow Colour Image: Comparison of the comparison o	Contact sequence		
Colour Inclosure covers Yellow Enclosure covers Image: Control C	Contact travel = Contact closed = Contact open		11-12 NC 21-22 NC 3.0
Enclosure covers Yellow Enclosure covers Image: Comparison of the constant of t	Positive opening (ZW)		yes
Enclosure covers Image: Comp Control No. Housing Image: Comp Control No. Notes Image: Comp Control No. Product Standards Image: Comp Control No. UL Category Control No. Image: Comp Control No. CSA Class No. North America Certification Derived Protection Image: Comp Control No. CSA Class No. Nick NCCR North America Certification Image: Comp Control No. CSA Class No. UL Stadards UL Category Control No. Image: Comp Control No. CSA Class No. Nick NCCR North America Certification Image: Control No. Degree of Protection Image: Control No. CSA Class No. UL Stadards UL Stadards Image: Control No. CSA Class No. UL Stadards UL Stadards Image: Control No. CSA Class No. UL Stadards UL Stadards Image: Control No. CSA Class No. Image: Control No. <	Colour		
Housing Insulated material Connection type Cage Clamp Notes Cage Clamp is a registered trademark of Wago Kontakttechnik, 32432 Minden, Germany. Cage Clamp is a registered trademark of Wago Kontakttechnik, 32432 Minder, Germany. Cage Clamp is a registered trademark of Wago Kontakttechnik, 32432 Minder, Germany. Cage Clamp is a registered trademark of Wago Kontakttechnik, 32432 Minder, Germany. Cage Clamp is a registered trademark of Wago Kontakttechnik, 32432 Minder, Germany. Cage Clamp is a registered trademark of Wago Kontakttechnik, 32432 Minder, Germany. Cage Clamp is a registered trademark of Wago Kontakttechnik, 32432 Minder, Germany. Cage Clamp is a registered trademark of Wago Kontakttechnik, 32432 Visited, Sak os Sige Class No. Noth America Certification 291143 UL listed, CSA certified 12528 Sca Class No. NCR Noth America Certification UL listed, CSA certified Degree of Protection UL listed, CSA certified Standards EC/EN 60947 Standards EC/EN 60947 Olimatic proofing Damp heat, constant, to IEC 60068-2-78; damp heat, coglical, to IEC	Enclosure covers		Yellow
Connection type Cage Clamp Notes Cage-Clamp is a registered trademark of Wago Kontakttechnik, 32432 Minden, Germany. Accessories for the Cage-Clamp terminals from Wago:power comb, gray, Wago Article No. 264-402 Approvals Product Standards UL File No. UL File No. CSA File No. CSA File No. CSA File No. CSA File No. UL Category Control No. CSA File No. CSA File No. CSA File No. CSA File No. UL Listed, CSA certified Degree of Protection IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14; CE marking E29184 NKCR S2211-03 UL Listed, CSA certified UL Listed, CSA certified IEC: IP66, 67, UL/CSA Type 3R, 4X (indoor use only), 12, 13 General IEC/EN 60947 Standards IEC/EN 60947 Climatic proofing Damp heat, constant, to IEC 60068-2-78; damp heat, cyclical, to IEC	Enclosure covers		
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Climatic proofing Damp heat, constant, to IEC 60068-2-78; damp heat, cyclical, to IEC	General		
			IEC/EN 60947
	Climatic proofing		

Ambient temperature

Mounting position

°C

-25 - +70

As required

Protection type			IP66, IP67
Terminal capacities		mm ²	
Solid		mm ²	1 x (0.5 - 2.5)
Flexible with ferrule		mm ²	1 x (0.5 - 1.5)
Contacts/switching capacity			
Rated impulse withstand voltage	U _{imp}	V	4000
		AC	
Rated insulation voltage	Ui	V	400
Overvoltage category/pollution degree			11/3
Rated operational current	l _e	А	
AC-15			
24 V	Ι _e	А	6
220 V 230 V 240 V	l _e	А	6
380 V 400 V 415 V	l _e	А	4
DC-13			
24 V	l _e	А	3
110 V	l _e	А	0.6
220 V	l _e	А	0.3
Control circuit reliability			
at 24 V DC/5 mA	H _F	Fault	< 10 ⁻⁷ , < 1 fault in 107 operations lity
at 5 V DC/1 mA	H _F	Fault probabi	< 10 ⁻⁶ , < 1 failure at 5 x 10 ⁶ operations lity
Supply frequency		Hz	max. 400
Short-circuit rating to IEC/EN 60947-5-1			
max. fuse		A «C/	6
		gG/ gL	
Repetition accuracy		mm	0.15
Rated conditional short-circuit current		kA	1
Mechanical variables			
Lifespan, mechanical	Operations	x 10 ⁶	8
Contact temperature of roller head		°C	≦ ₁₀₀
Mechanical shock resistance (half-sinusoidal shock, 20 ms)			
Standard-action contact		g	25
Operating frequency	Operations/ h		≦ ₆₀₀₀
Actuation			
Mechanical			
Actuating force at beginning/end of stroke		Ν	1.0/8.0
Actuating torque of rotary drives		Nm	0.2
Max. operating speed with DIN cam		m/s	1/0.5
Notes			for angle of actuation $\alpha = 0^{\circ}/30^{\circ}$

Technical data ETIM 5.0

Sensors (EG000026) / End switch (EC000030)			
Electric engineering, automation, process control engineering / Binary sensor technology, safety-related sensor technology / Position switch / Position switch (Type 1) (ecl@ss8-27-27-06-01 [AGZ382011])			
Width sensor	mm	31	
Diameter sensor	mm	0	
Height of sensor	mm	61	
Length of sensor	mm	33.5	
Rated operation current le at AC-15, 24 V	А	6	
Rated operation current le at AC-15, 125 V	А	6	
Rated operation current le at AC-15, 230 V	А	6	
Rated operation current le at DC-13, 24 V	А	3	

Rated operation current le at DC-13, 125 V	А	0.8
Rated operation current le at DC-13, 230 V	А	0.3
Switching function		Slow-action switch
Output electronic		No
Forced opening		Yes
Number of safety auxiliary contacts		2
Number of contacts as normally closed contact		2
Number of contacts as normally open contact		0
Number of contacts as change-over contact		0
Type of interface		None
Type of interface for safety communication		None
Housing according to norm		-
Construction type housing		Cuboid
Material housing		Plastic
Coating housing		-
Type of control element		Plunger
Alignment of the control element		-
Type of electric connection		-
With status indication		No
Suited for safety functions		Yes
Explosion safety category for gas		None
Explosion safety category for dust		None
Ambient temperature during operating	°C	-25 - 70
Degree of protection (IP)		IP67

Dimensions



