



SIRIUS POSITION SWITCH, PLASTIC ENCLOSURE ACC. TO EN50041, 40MM DEVICE CONNECTION 1X(M20X1.5); 1NO/2NC SLOW-ACTION CONTACTS W. M12 CONNECTOR,4-POLE 2NC CONNECTED PIN ASSIGNMENT: PIN1=21, PIN2 =22, PIN3=31, PIN4=32 MAX.250V UND 4A, WITH TEFLON PLUNGER

Product designation		basic switch for standard position switches
Manufacturer article number		
<ul style="list-style-type: none"> • of the supplied basic switch • of the supplied switching contacts 		3SE5134-0KA00-1AE0 3SE5000-0KA00

General technical data:

Product function		
<ul style="list-style-type: none"> • positive opening 		Yes
Insulation voltage		
<ul style="list-style-type: none"> • Rated value 	V	250
Degree of pollution		class 3
Shock resistance		30g / 11 ms
Vibration resistance		0.35 mm / 5g
Surge voltage resistance Rated value	kV	2.5
Mechanical service life (switching cycles)		
<ul style="list-style-type: none"> • typical 		15 000 000
Electrical endurance (switching cycles)		
<ul style="list-style-type: none"> • at AC-15 at 230 V typical 		100 000
Electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical		10 000 000
Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026		6 000
Thermal current	A	4
Protection class IP		IP67
Equipment marking		

<ul style="list-style-type: none"> • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2 		B B
Active principle		mechanical
Repeat accuracy	mm	0.05
Explosion protection category for dust		none
Explosion protection category for gas		none
Minimum actuating force in activation direction	N	20
Operating current at AC-15		
<ul style="list-style-type: none"> • at 230 V Rated value 	A	1.5
Operating current		
<ul style="list-style-type: none"> • at DC-13 at 125 V Rated value 	A	0.55
Operating current		
<ul style="list-style-type: none"> • at DC-13 — at 24 V Rated value 	A	3

Enclosure:		
Design of the housing		block, narrow
Material of the enclosure		plastic
Coating of the enclosure		Other types
Design of the housing acc. to standard		Yes

Drive Head:		
Design of the operating mechanism		without
Design of the switching function		Positive opening with appropriate positive opening actuator head

Connections/ Terminals:		
Type of electrical connection		M12 plug, fixed

Mechanical data:		
Cable entry type		M12 plug
Design of plug-in connection		M12 connector, 4-pole: pin 1= terminal 21, pin 2= 22, pin 3= 31, pin 4= 32

Communication/ Protocol:		
Design of the interface		without

Ambient conditions:		
Ambient temperature		
<ul style="list-style-type: none"> • during operation 	°C	-25 ... +85
<ul style="list-style-type: none"> • during storage 	°C	-40 ... +90

Installation/ mounting/ dimensions:		
mounting position		any
Mounting type		screw fixing

Certificates/ approvals:		
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last modified:

09.03.2015