



BASIC SWITCH FOR POSITION SWITCH 3SE51,
METAL ENCLOSURE 56MM,
TO EN50041 3X(M20X1.5) 1NO/ 2NC SLOW-ACTION
CONTACTS W/O ACTUATOR HEAD

Manufacturer article number		
<ul style="list-style-type: none"> of the basic unit included in the scope of supply 		3SE5122-0KA00

General technical details:		
product designation		basic switch for standard position switches
Explosion protection category for dust		none
Insulation voltage		
<ul style="list-style-type: none"> rated value 	V	400
Degree of pollution		class 3
Thermal current	A	6
Operating current		
<ul style="list-style-type: none"> at AC-15 <ul style="list-style-type: none"> at 24 V / rated value at 125 V / rated value at 230 V / rated value at DC-13 <ul style="list-style-type: none"> at 24 V / rated value at 125 V / rated value at 230 V / rated value 	A	6
	A	6
	A	1.5
	A	3
	A	0.55
	A	0.27
Continuous current		
<ul style="list-style-type: none"> of the slow DIAZED fuse link 	A	6

<ul style="list-style-type: none"> • of the quick DIAZED fuse link 	A	10
<ul style="list-style-type: none"> • of the C characteristic circuit breaker 	A	1
Mechanical operating cycles as operating time		
<ul style="list-style-type: none"> • typical 		15,000,000
Electrical operating cycles as operating time		
<ul style="list-style-type: none"> • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical 		10,000,000
<ul style="list-style-type: none"> • at AC-15 / at 230 V / typical 		100,000
Electrical operating cycles in one hour		
<ul style="list-style-type: none"> • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 		6,000
Repeat accuracy	mm	0.05
Design of the contact element		slow-action contacts
Number of NC contacts		
<ul style="list-style-type: none"> • for auxiliary contacts 		2
Design of the switching function		Positive opening with appropriate positive opening actuator head
Number of NO contacts		
<ul style="list-style-type: none"> • for auxiliary contacts 		1
Resistance against vibration		0.35 mm / 5g
Resistance against shock		30g / 11 ms
Ambient temperature		
<ul style="list-style-type: none"> • during operating 	°C	-25 ... +85
<ul style="list-style-type: none"> • during storage 	°C	-40 ... +90
Width of the sensor	mm	56
Material		
<ul style="list-style-type: none"> • of the enclosure 		metal
Design of the operating mechanism		without
Actuating speed	mm/s / m/s	0.4 ... 2.5
Minimum actuating force / in activation direction	N	20
Protection class IP		IP66/IP67
mounting position		any
Cable gland version		3 x (M20 x 1.5)
Design of the electrical connection		screw-type terminals
Item designation		
<ul style="list-style-type: none"> • according to DIN 40719 extendable after IEC 204-2 		S
<ul style="list-style-type: none"> • according to DIN EN 61346-2 		B

Certificates/approvals:

