



SIRIUS POSITION SWITCH METAL ENCLOSURE 56MM
WIDE DEVICE CONNECTION 3X (M20X1.5) 1NO/ 2NC
SLOW-ACTION CONTACTS METAL ROLLER LEVER AND
PLASTIC ROLLER 22MM

Manufacturer article number

- of the basic unit included in the scope of supply
- of the actuator head for position switches included in the scope of supply

[3SE5122-0KA00](#)

[3SE5000-0AE01](#)

General technical data:

Product designation

standard position switch

Explosion protection category for dust

none

Insulation voltage

- rated value

V

400

Degree of pollution

class 3

Thermal current

A

6

Operating current

- at AC-15
 - at 24 V / rated value
 - at 125 V / rated value
 - at 230 V / rated value
- at DC-13
 - 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

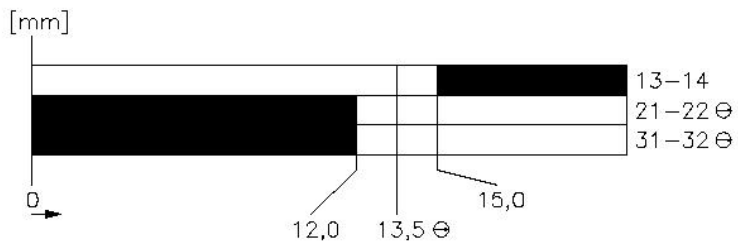
A

0.27

Continuous current

• of the slow DIAZED fuse link	A	6
• of the quick DIAZED fuse link	A	10
• of the C characteristic circuit breaker	A	1
Mechanical operating cycles as operating time		
• typical		15,000,000
Electrical operating cycles as operating time		
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical		10,000,000
• at AC-15 / at 230 V / typical		100,000
Electrical operating cycles in one hour		
• 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		
• for auxiliary contacts		2
Design of the switching function		positive opening
Number of NO contacts		
• for auxiliary contacts		1
Resistance against vibration		0.35 mm / 5g
Resistance against shock		30g / 11 ms
Ambient temperature		
• during operating	°C	-25 ... +85
• during storage	°C	-40 ... +90
Width of the sensor	mm	56
Material		
• of the enclosure		metal
Material / of the enclosure / of the switch head		metal
Design of the operating mechanism		metal lever, plastic roller
Actuating speed	mm/s / m/s	0.4 ... 2.5
Minimum actuating force / in activation direction	N	10
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
Reference code		
• according to DIN 40719 extended according to IEC 204-2		S
• according to DIN EN 61346-2		B

Certificates/ approvals:



last change:

Jul 24, 2014