

BASIC SWITCH FOR POSITION SWITCH 3SE5112,
ATEX METAL ENCLOSURE 40MM WIDE TO EN50041
DEVICE CONNECTION 1X (M20X1.5) 1NO/ 2NC SLOW-
ACTION CONTACTS W/O ACTUATOR HEAD

Manufacturer article number

- of the basic unit included in the scope of supply

[3SE5112-0KA00-1DA0](#)

General technical details:

product designation

basic switch for standard position switches

Product feature

ATEX Zone 21/22

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
- of the quick DIAZED fuse link
- of the C characteristic circuit breaker

A

6

A

10

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
- at AC-15 / at 230 V / typical

10,000,000

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 with appropriate positive opening actuator head
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 • during storage	°C °C	-25 ... +85 -40 ... +90
Product specification • for dimensions		EN 50041
Width of the sensor	mm	40
Material • 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		1x (M20 x 1.5)
Design of the electrical connection		screw-type terminals
Item designation • according to DIN 40719 extendable after IEC 204-2 • according to DIN EN 61346-2		S B

Certificates/approvals:

General Product Approval		For use in hazardous locations	Functional Safety / Safety of Machinery
 CCC	 GOST	 UL	 VDE
		 ATEX	 VDE
Declaration of Conformity	Test Certificates	other	
 EG-Konf.	Special Test Certificate	Confirmation	

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

CAX-Online-Generator

<http://www.siemens.com/cax>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SE5112-0KA00-1DA0/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5112-0KA00-1DA0

last change:

Feb 18, 2013