# **SIEMENS**

### **Data sheet**

# 3SE5162-0UB01-1AM4



Position switch Metal enclosure Plain plunger Snap-action contacts 1 NO+1 NC Short stroke, special operating travel Slow-action contacts 1 NO+2 NC Tappet spring Actuating/restoring force 30 N customized

product brand name product designation product type designation manufacturer's article number

- of the supplied actuator head for position switches
- of the supplied switching contacts
- of the supplied empty enclosure with cover

suitability for use safety switch

**SIRIUS** 

Mechanical position switches

3SE5

3SE5000-0AB01

on request

3SE5162-0AA00

Yes

#### General technical data

product function positive opening insulation voltage rated value degree of pollution surge voltage resistance rated value protection class IP shock resistance

according to IEC 60068-2-27
vibration resistance according to IEC 60068-2-6
mechanical service life (operating cycles) typics

mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical

electrical endurance (operating cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical

Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026

thermal current

material of the enclosure of the switch head reference code according to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG

active principle repeat accuracy

**Substance Prohibitance (Date)** 

minimum actuating force in directions of actuation length of the sensor

width of the sensor

Yes

class 3

6 kV

IP66/IP67

30g / 11 ms

0.35 mm/5g 5 000 000

100 000

5 000 000

6 000

10 A

plastic

1 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A

6 A

mechanical 0.05 mm

07/01/2006

40 N 125.3 mm

56 mm

#### **Ambient conditions**

# ambient temperature

- during operation
- during storage

explosion protection category for dust

-25 ... +85 °C -40 ... +90 °C

none

design of the switching contact	mechanical
	50 60 Hz
operating frequency rated value	30 60 HZ
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts operational current at AC-15	2
• at 24 V rated value	6 A
at 125 V rated value      at 125 V rated value	6 A
at 240 V rated value	6 A
at 400 V rated value     at 400 V rated value	4 A
operational current at DC-13	44
• at 24 V rated value	3 A
at 24 V rated value     at 125 V rated value	0.55 A
at 123 V rated value     at 250 V rated value	0.33 A 0.27 A
at 400 V rated value	0.27 A 0.12 A
	0.127
Enclosure	No. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
design of the housing material of the enclosure	block, wide
	metal
coating of the enclosure	cathodic dip coating
design of the housing according to standard	No
Drive Head	
design of the actuating element	Rounded plunger, high-grade steel plunger
standard-compliant actuator head	EN 50041, design B
shape of the switch head	rounded
design of the switching function	positive opening
circuit principle	snap-action contacts and slow-action contacts
number of switching contacts safety-related	3
cable entry type	3x (M20 x 1.5)
Installation/ mounting/ dimensions	
mounting position	any
fastening method	screw fixing
Connections/ Terminals	
type of electrical connection	screw-type terminals
type of connectable conductor cross-sections	
• solid	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)
<ul> <li>at AWG cables solid</li> </ul>	1x (20 16), 2x (20 18)
<ul> <li>at AWG cables stranded</li> </ul>	1x (20 16), 2x (20 18)
design of the interface for safety-related communication	without
Communication/ Protocol	
design of the interface	without
Certificates/ approvals	
General Product Approval	Declaration of Conformity



Confirmation

ERC ERC



**Test Certificates** 

other

Type Test Certificates/Test Report

Confirmation

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

https://www.siemens.com/ic10

#### Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5162-0UB01-1AM4

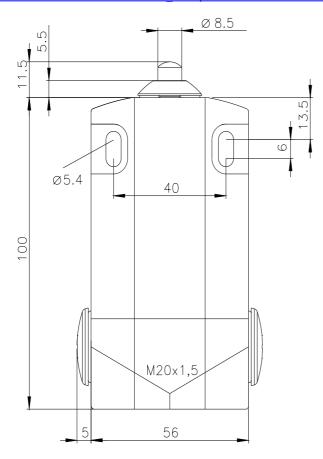
## Cax online generator

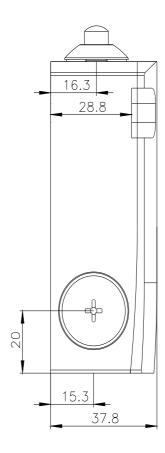
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5162-0UB01-1AM4

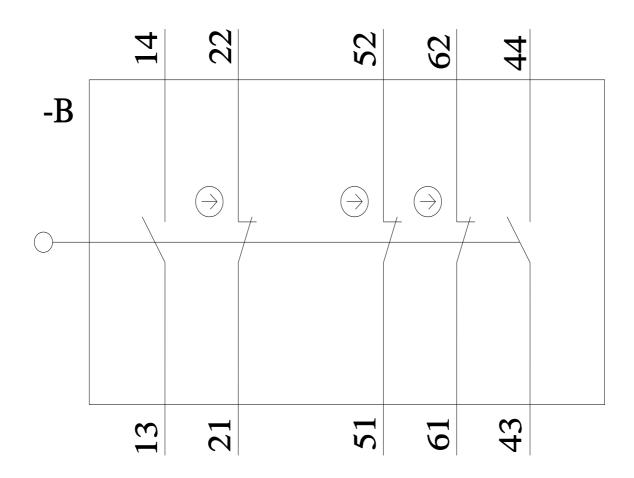
 $Service \& Support \ (Manuals, \ Certificates, \ Characteristics, \ FAQs, ...)$ 

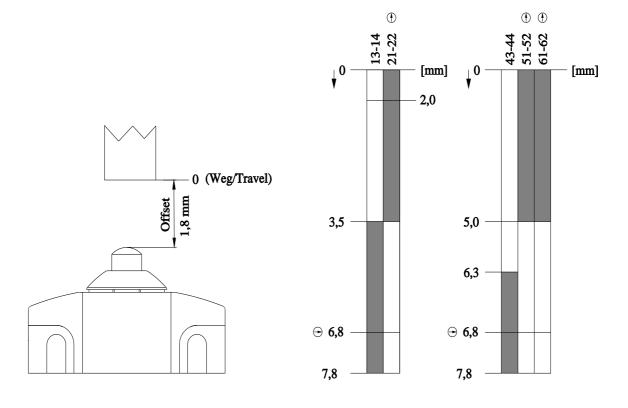
https://support.industry.siemens.com/cs/ww/en/ps/3SE5162-0UB01-1AM4

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax">http://www.automation.siemens.com/bilddb/cax</a> de.aspx?mlfb=3SE5162-0UB01-1AM4&lang=en









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