SIEMENS

Data sheet 3SE5112-1QV10



Safety position switch with separate actuator Metal enclosure, 40 mm Device connection 1x (M20 x 1.5) Slow-action contacts 1 NO/2 NC with 2 LEDs, yellow/green 24 V DC 5 directions of approaches The matching separate actuator 3SE5000-0AV0. must be ordered separately

SIRIUS
Mechanical safety switches
3SE5
3SE5000-0AV01 standard actuator, 3SE5000-0AV02 actuator with vertical mounting, 3SE5000-0AV03 actuator with horizontal mounting, 3SE5000-0AV04 radius actuator left, 3SE5000-0AV05 universal actuator, 3SE5000-0AV06 radius actuator right, 3SE5000-0AV07 heavy-duty actuator, 3SE5000-0AW11 plastic actuator, 3SE5000-0AW21 stainless steel actuator
Yes
Yes
400 V
class 3
0.8 kV
IP66/IP67
30g / 11 ms
0.35 mm/5g
1 000 000
10 A
metal
В
1 A; for a short-circuit current smaller than 400 A
10 A; for a short-circuit current smaller than 400 A
6 A; for a short-circuit current smaller than 400 A
mechanical
0.05 mm
07/01/2006
20 N
110 mm
40 mm
-25 +60 °C
-40 +90 °C
none
mechanical
2
1

at 24 V rated value	3 A
Enclosure	
design of the housing	block, narrow
material of the enclosure	metal
coating of the enclosure	cathodic dip coating
design of the housing according to standard	Yes
Drive Head	
design of the actuating element	without
design of the switching function	positive opening
circuit principle	slow-action contacts
number of switching contacts safety-related	2
cable entry type	1x (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)
 finely stranded with core end processing 	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)
 for AWG cables solid 	1x (20 16), 2x (20 18)
for AWG cables stranded	1x (20 16), 2x (20 18)
Supply voltage	
type of voltage of the supply voltage of the optional LED display	DC
supply voltage	
• of LED	24 V
design of the interface for safety-related communication	without
Communication/ Protocol	
design of the interface	without
Safety related data	
B10 value with high demand rate according to SN 31920	1 000 000
proportion of dangerous failures with high demand rate according to SN 31920	20 %
Certificates/ approvals	
General Product Approval	









Confirmation



General Product Approval

other



Confirmation

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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)

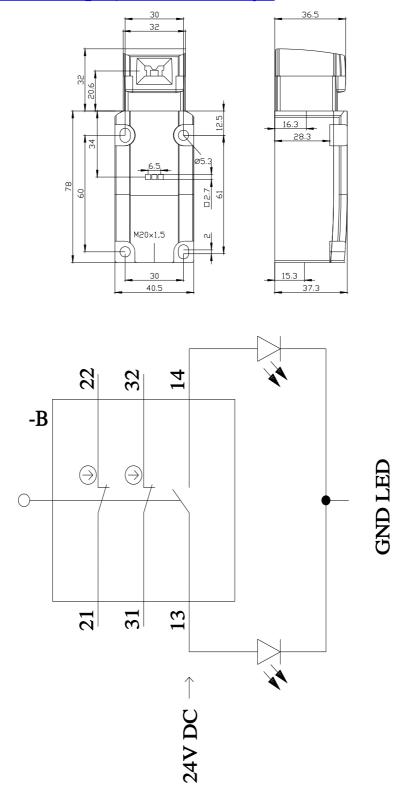
 $\underline{https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5112-1QV10}$

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5112-1QV10

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

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3SE5112-1QV10&lang=en



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