SIEMENS

Data sheet

3SE5214-0LC05-1AE1



position switch metal enclosure according to EN 50047, 31 mm device connection 1 x (M20 x 1.5) 1 NO/2 NC quick action contacts with M12 plug, 5-pole 2 NC connected pin assignment: Pin1=21, Pin2=22 Pin3=31, Pin4=32, Pin5=PE maximum 125 V and 4 A with plunger

product brand name	SIRIUS	
product designation	Mechanical position switches	
product type designation	3SE5	
manufacturer's article number		
of the supplied switching contacts	3SE5000-0LA00	
suitability for use safety switch	Yes	
General technical data		
product function positive opening	Yes	
insulation voltage rated value	125 V	
degree of pollution	class 3	
surge voltage resistance rated value	2 kV	
protection class IP	IP66/IP67	
shock resistance		
 according to IEC 60068-2-27 	30g / 11 ms	
vibration resistance		
• according to IEC 60068-2-6	0.35 mm/5g	
mechanical service life (operating cycles) typical	15 000 000	
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000	
thermal current	4 A	
material of the enclosure of the switch head	metal	
reference code according to IEC 81346-2	В	
continuous current of the C characteristic MCB	1 A; for a short-circuit current smaller than 400 A	
continuous current of the quick DIAZED fuse link	4 A; for a short-circuit current smaller than 400 A	
continuous current of the DIAZED fuse link gG	4 A	
active principle	mechanical	
repeat accuracy	0.05 mm	
Substance Prohibitance (Date)	07/01/2006	
SVHC substance name	Blei - 7439-92-1 Imidazolidin-2-thion - 96-45-7	
minimum actuating force in directions of actuation	20 N	
length of the sensor	75.7 mm	
width of the sensor	31 mm	
Ambient conditions		
ambient temperature		
 during operation 	-25 +85 °C	
during storage	-40 +90 °C	
explosion protection category for dust	none	
design of the switching contact	mechanical	
operating frequency rated value	50 60 Hz	
number of NC contacts for auxiliary contacts		

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number of NO contacts for auxiliary contacts	1		
operational current at AC-15			
at 24 V rated value	4 A		
at 125 V rated value	4 A		
operational current at DC-13			
• at 24 V rated value	3 A		
• at 125 V rated value	0.55 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	Rounded plunger, plastic plunger		
standard-compliant actuator head	EN 50047, design B		
shape of the switch head	rounded		
design of the switching function	positive opening		
circuit principle	snap-action contacts		
number of switching contacts safety-related	2		
cable entry type	1x (M20 x 1.5)		
design of plug-in connection	M12 connector, 5-pole: pin 1= terminal 21, pin 2= 22, pin 3= 31, pin 4= 32, pin 5= PE		
Installation/ mounting/ dimensions			
mounting position	any		
fastening method	screw fixing		
Connections/ Terminals			
type of electrical connection	M12 plug, fixed		
design of the interface for safety-related communication	without		
Communication/ Protocol			
design of the interface	without		
Certificates/ approvals			
General Product Approval		Functional Safety/Safety of Ma- chinery	



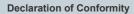


Confirmation





Type Examination Certificate



Test Certificates

other





Type Test Certificates/Test Report

Type Test Certificates/Test Report

Confirmation

Further information

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

 $\underline{\text{https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business}}$

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)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5214-0LC05-1AE1

Cax online generator

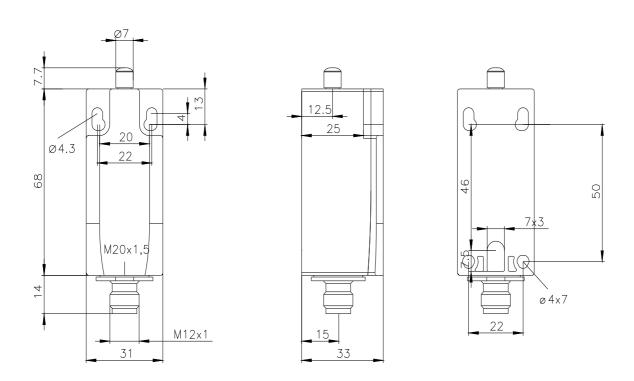
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5214-0LC05-1AE1

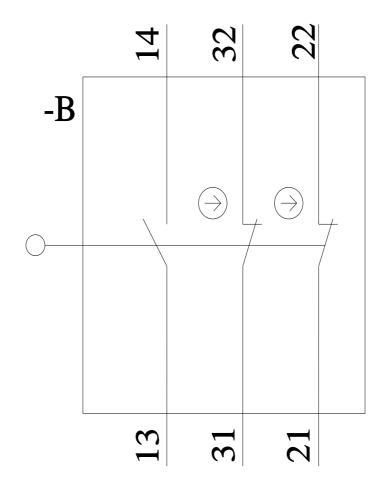
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SE5214-0LC05-1AE1

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5214-0LC05-1AE1&lang=en





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