Data sheet

3SE5134-0LA00-1AE0



position switch plastic enclosure 40 mm according to EN 50041 device connection 1x (M20 x 1.5) 1 NO/2 NC quick action contacts with M12 plug, 4-pole 2 NC connected pin assignment: Pin1=21, Pin2=22 Pin3=31, Pin4=32 max. 250 V and 4 A

product brand name	SIRIUS	
product designation	Mechanical position switches	
product type designation	3SE5	
manufacturer's article number		
 of the supplied basic switch 	3SE5134-0LA00-1AE0	
 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	250 V	
degree of pollution	class 3	
surge voltage resistance rated value	2.5 kV	
protection class IP	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	
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	99.2 mm	
width of the sensor	40 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	2	
number of NO contacts for auxiliary contacts	1	

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operational current at AC-15			
at 24 V rated value	4 A		
at 125 V rated value	4 A		
at 240 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		
at 250 V rated value	0.27 A		
Enclosure			
design of the housing	block, narrow		
material of the enclosure	plastic		
coating of the enclosure	Other types		
design of the housing according to standard	Yes		
Drive Head			
design of the actuating element	Other, without, basic switch with plug		
design of the switching function	Positive opening with appropriate positive opening actuator head		
circuit principle	snap-action contacts		
number of switching contacts safety-related	2		
cable entry type	M12 plug		
design of plug-in connection	M12 connector, 4-pole: pin 1= terminal 21, pin 2= 22, pin 3= 31, pin 4= 32		
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

Declaration of Conformity

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)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5134-0LA00-1AE0

Cax online generator

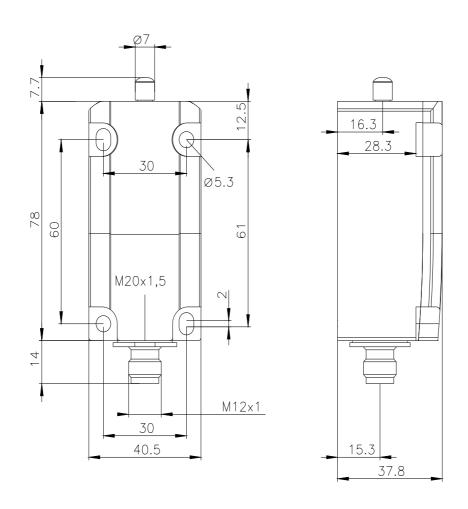
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5134-0LA00-1AE0

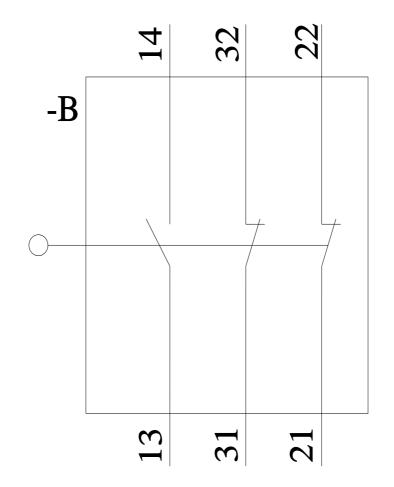
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SE5134-0LA00-1AE0

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5134-0LA00-1AE0&lang=en





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