Data sheet

3SE5134-0KA00-1AE0



basic switch plastic enclosure 40 mm according to EN 50041 device connection 1x (M20 x 1.5) 1 NO/2 NC slow-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 safety switches
product type designation	3SE5
manufacturer's article number	
 of the supplied switching contacts 	3SE5000-0KA00
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
operational current at AC-15	

 at 24 V rated value at 125 V rated value at 240 V rated value 4 A Operational current at DC-13 at 24 V rated value at 125 V rated value at 125 V rated value at 250 V rated value at 250 V rated value block, narrow Enclosure design of the housing block, narrow material of the enclosure coating of the enclosure Other types Other types
at 240 V rated value operational current at DC-13 at 24 V rated value at 125 V rated value at 250 V rated value at 250 V rated value other consists of the housing material of the enclosure 4 A 3 A 0.55 A 0.27 A Enclosure block, narrow plastic
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
 at 24 V rated value at 125 V rated value at 250 V rated value 0.27 A Enclosure design of the housing block, narrow material of the enclosure plastic
at 125 V rated value at 250 V rated value 0.27 A Enclosure design of the housing block, narrow plastic
at 250 V rated value O.27 A Enclosure design of the housing material of the enclosure plastic
design of the housing block, narrow plastic
design of the housing block, narrow material of the enclosure plastic
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 slow-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
nstallation/ 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









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)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5134-0KA00-1AE0

Cax online generator

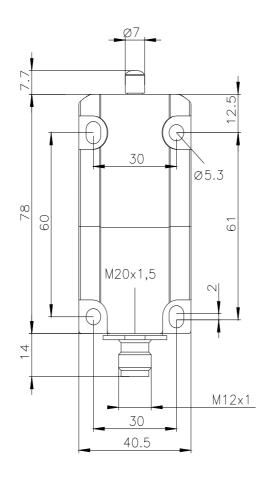
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5134-0KA00-1AE0

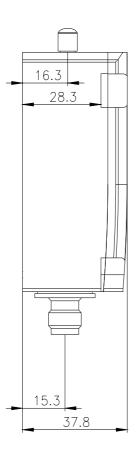
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

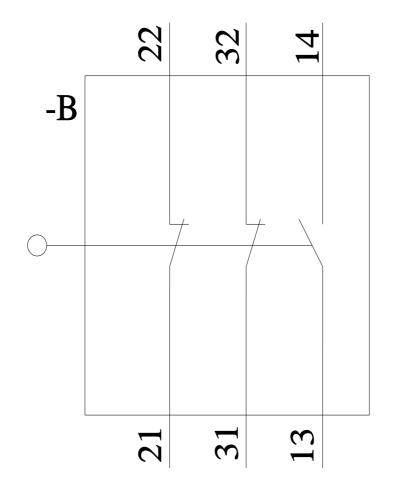
https://support.industry.siemens.com/cs/ww/en/ps/3SE5134-0KA00-1AE0

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

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5134-0KA00-1AE0\&lang=en}$







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