Data sheet

3SE5234-0KC05-1AE0



Position switch Plastic enclosure according to EN 50047, 31 mm 1 NO/2 NC slow-action contacts with M12 connector, 4-pole 2 NC connected Pin assignment: Pin1=21, Pin2=22 Pin3=31, Pin4=32 for max. 250 V and 4 A with Teflon plunger

product type designation product type designation manufacturer's article number of the supplied switching contacts suitability for use safety switch Yes General technical data product function positive opening insulation voltage rated value degree of pollution class 3 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) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current material of the enclosure of the switch head plastic reference code according to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the DIAZED fuse link gG active principle repeat accuracy Substance Prohibitance (Date) SVHC substance name Mechanical position switches 38E5000-0KA00 Yes 39E5000-0KA00 Yes 39E50
manufacturer's article number • of the supplied switching contacts suitability for use safety switch Pes General technical data product function positive opening insulation voltage rated value 250 V degree of pollution class 3 surge voltage resistance rated value 3 kV protection class IP IP65 shock resistance • according to IEC 60068-2-27 30g / 11 ms vibration resistance • according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current 4 A material of the enclosure of the switch head reference code according to IEC 81346-2 B continuous current of the C characteristic MCB 1 A; for a short-circuit current smaller than 400 A continuous current of the Qick DIAZED fuse link gG active principle mechanical repeat accuracy 0.05 mm SUSHC substance Prohibitance (Date) SVHC substance Prohibitance (Date)
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active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) 07/01/2006 SVHC substance name Blei - 7439-92-1
repeat accuracy 0.05 mm Substance Prohibitance (Date) 07/01/2006 SVHC substance name Blei - 7439-92-1
Substance Prohibitance (Date) O7/01/2006 SVHC substance name Blei - 7439-92-1
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11111dd2011d111-2-t111011 - 30-43-1
minimum actuating force in directions of actuation 20 N
length of the sensor 89.7 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 2

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number of NO contacts for auxiliary contacts	0
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
Prive 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	slow-action contacts
number of switching contacts safety-related	2
cable entry type	M12 plug
design of plug-in connection	M12 plug, 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

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=3SE5234-0KC05-1AE0

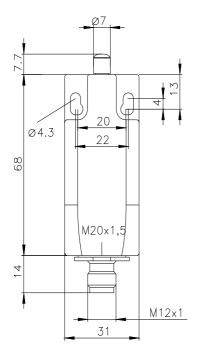
Cax online generator

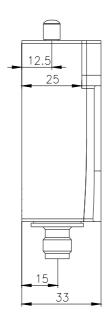
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5234-0KC05-1AE0

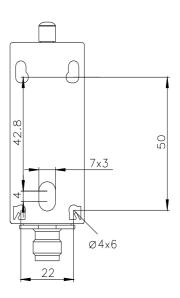
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

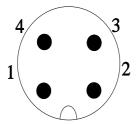
https://support.industry.siemens.com/cs/ww/en/ps/3SE5234-0KC05-1AE

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

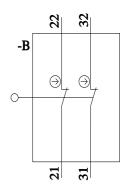








1	BN = Brown	\rightarrow	21
2	WH = White	\rightarrow	22
3	BU = Blue	\rightarrow	31
4	BK = Black	\rightarrow	32



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