SIEMENS

Data sheet

3SE5234-0CD03-1AJ1



Position switch Plastic 31 mm according to EN 50047 Increased corrosion protection with M12 connector plug, 4-pole 1 NO/1 NC quick action contacts Roller plunger with plastic roller 10 mm functional at -40 °C Shock and vibration test according to EN 61373, Category 1B

product brand name	SIRIUS	
product designation	Mechanical position switches	
product type designation	3SE5	
manufacturer's article number		
 of the supplied actuator head for position switches 	3SE5000-0AD03	
 of the supplied switching contacts 	3SE5000-0CA00	
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	3 kV	
protection class IP	IP65	
shock resistance		
 according to IEC 60068-2-27 	30g / 11 ms	
 for railway applications according to EN 61373 	Category 1, Class B	
vibration resistance		
 according to IEC 60068-2-6 	0.35 mm/5g	
 for railway applications according to EN 61373 	Category 1, Class B	
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	plastic	
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	
minimum actuating force in directions of actuation	20 N	
length of the sensor	100 mm	
width of the sensor	31 mm	
Ambient conditions		
ambient temperature		
 during operation 	-40 +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	50 60 Hz	
number of NC contacts for auxiliary contacts	1		
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		
at 240 V rated value	4 A		
operational current at DC-13			
 at 24 V rated value 	3 A	3 A	
at 125 V rated value	0.55 A		
 at 250 V rated value 	0.27 A		
inclosure			
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	Roller plunger, plastic roller		
standard-compliant actuator head	EN 50047, design C		
shape of the switch head	roller		
design of the switching function	positive opening		
circuit principle	snap-action contacts		
number of switching contacts safety-related	1		
cable entry type	M12 plug		
design of plug-in connection	M12 plug, 4-pole: Pin 1 = terminal 21, Pin 2 = 22, Pin 3 = 13, Pin 4 = 14		
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		Functional Safety/Safety of Ma	





Confirmation





Type Examination Certificate

Declaration of Conformity

Test Certificates

other





Type Test Certificates/Test Report

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,...)

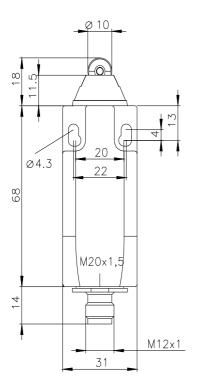
https://www.siemens.com/ic10

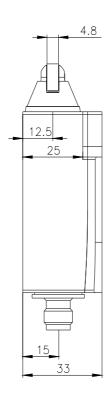
Industry Mall (Online ordering system)

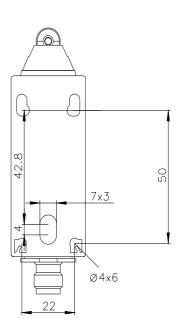
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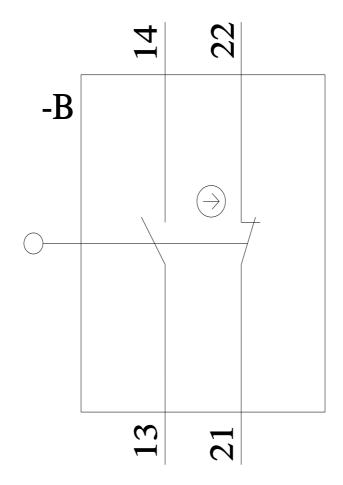
Cax online generator

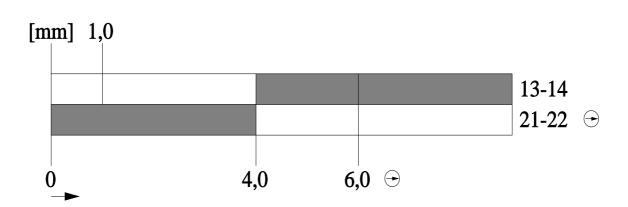
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5234-0CD03-1AJ1











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