SIEMENS

Data sheet 3SE5242-0KC05



position switch plastic enclosure according to DIN EN 50047, 50 mm device connection 2 x (M20 x 1.5) 1 NO/2 NC slow-action contacts rounded plunger

product brand name	SIRIUS
product designation	Mechanical position switches
product type designation	3SE5
manufacturer's article number	
 of the supplied switching contacts 	3SE5000-0KA00
 of the supplied empty enclosure with cover 	3SE5242-0AC05
suitability for use safety switch	Yes
General technical data	
product function positive opening	Yes
insulation voltage rated value	400 V
degree of pollution	class 3
surge voltage resistance rated value	6 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	10 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	10 A; for a short-circuit current smaller than 400 A
continuous current of the DIAZED fuse link gG	6 A
active principle	mechanical
repeat accuracy	0.05 mm
Substance Prohibitance (Date)	07/01/2006
SVHC substance name	Imidazolidin-2-thion - 96-45-7
minimum actuating force in directions of actuation	20 N
length of the sensor	60.7 mm
width of the sensor	50 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 NO contacts for auxiliary contacts 1	number of NC contacts for auxiliary contacts	2
operational current at AC-15 6 A A • at 24 V rated value 6 A • at 120 V rated value 6 A • at 240 V rated value 6 A • at 400 V rated value 4 A Operational current at DC-13 **** *** *** *** *** *** *** *** *** *		
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design of the interface without	design of the interface for safety-related communication	without
design of the interface without	Communication/ Protocol	
•		without

General Product Approval









Confirmation



General Product Approval

Test Certificates

other



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

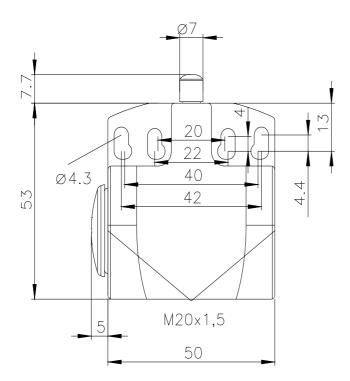
Industry Mall (Online ordering system)

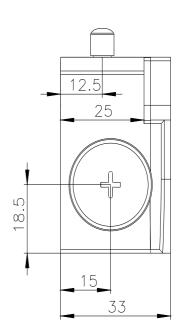
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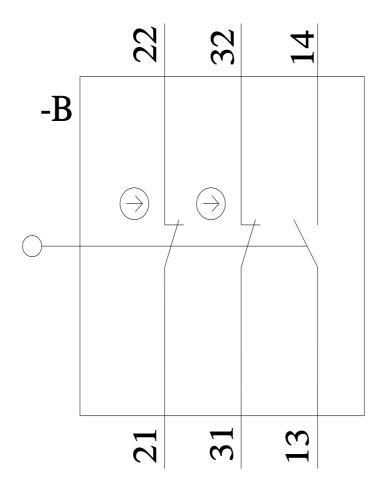
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)







last modified: 9/5/2023 🖸