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Data sheet 3SE5212-0AC05-1CA0



Empty enclosure for position switch made of metal with increased corrosion protection according to EN 50047, 31 mm M20 x 1.5 with cover Color turquoise and plunger

product brand name	SIRIUS
product designation	empty enclosure EKS, EN 50047, cover turquoise
product type designation	3SE5
General technical data	
product function positive opening	Yes
insulation voltage rated value	400 V
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
material of the enclosure of the switch head	metal
reference code according to IEC 81346-2	U
repeat accuracy	0.05 mm
Substance Prohibitance (Date)	07/01/2006
SVHC substance name	Imidazolidine-2-thione (2-imidazoline-2-thiol) - 96-45-7
Weight	0.164 kg
minimum actuating force in directions of actuation	20 N
length of the sensor	75.7 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
Enclosure	
design of the housing	block, narrow
material of the enclosure	metal
coating of the enclosure	cathodic dip coating
design of the housing according to standard	Yes
Drive 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 with appropriate positive opening actuator head and switching element
cable entry type	1x (M20 x 1.5)
Installation/ mounting/ dimensions	
mounting position	any
fastening method	screw fixing

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Connections/ Terminals	
type of electrical connection	screw terminal
design of the interface for safety-related communication	without
Communication/ Protocol	
design of the interface	without
Approvals Certificates	

General Product Approval

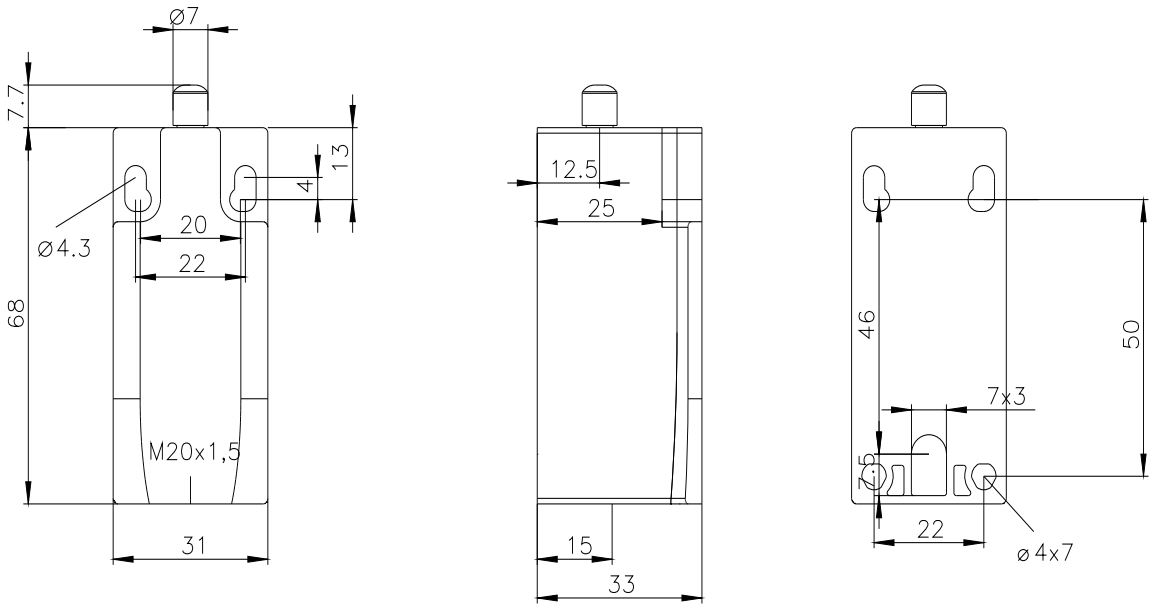
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Functional Saftey	Test Certificates	other		Environment
Type Examination Certificate	Type Test Certificates/Test Report	产品合格 QC PASS	Confirmation	Environmental Confirmations

Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
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=3SE5212-0AC05-1CA0
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5212-0AC05-1CA0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SE5212-0AC05-1CA0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5212-0AC05-1CA0&lang=en

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last modified: 10/18/2025

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