





empty enclosure for position switch metal enclosure according to DIN EN 50047, 31 mm M20 x 1.5 with cover color turquoise and plunger

product brand name	SIRIUS
product designation	empty enclosure EN 50047, cover turquoise
product type designation	3SE5
<b>General technical data</b>	
product function positive opening	Yes
insulation voltage rated value	400 V
protection class IP	IP66/IP67
shock resistance	
• according to IEC 60068-2-27	30 g / 11 ms
vibration resistance	
• according to IEC 60068-2-6	0.35 mm/5 g
material of the enclosure of the switch head	metal
reference code according to IEC 81346-2	U
repeat accuracy	0.05 mm
Substance Prohibitance (day/month/year)	07/01/2006
SVHC substance name	Imidazolidine-2-thione (2-imidazoline-2-thiol) CAS-No. 96-45-7
Net Weight	0.16 kg
minimum actuating force in directions of actuation	20 N
length of the sensor	75.7 mm
width of the sensor	31 mm
<b>Ambient conditions</b>	
ambient temperature	
• during operation	-25 ... +85 °C
• during storage	-40 ... +90 °C
explosion protection category for dust	none
<b>Enclosure</b>	
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
<b>Drive Head</b>	
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)
<b>Installation/ mounting/ dimensions</b>	
mounting position	any

<b>fastening method</b>	screw fixing
<b>Connections/ Terminals</b>	
<b>type of electrical connection</b>	screw terminal
design of the interface for safety-related communication	without
<b>Communication/ Protocol</b>	
<b>design of the interface</b>	without
<b>Approvals Certificates</b>	
General Product Approval	



Test Certificates	other	Environment			
<a href="#">Type Test Certificates/Test Report</a>	<a href="#">Confirmation</a>	<a href="#">Confirmation</a>		<a href="#">Environmental Confirmations</a>	

**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>
- Cax online generator  
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5212-0AC05>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)  
<https://support.industry.siemens.com/cs/ww/en/ps/3SE5212-0AC05>
- 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&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5212-0AC05&lang=en)

