



Enclosure for position switch with increased corrosion protection Plastic enclosure 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
<b>General technical data</b>	
protection class IP	IP65
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	plastic
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	0.05 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	plastic
coating of the enclosure	Other types
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
fastening method	screw fixing
<b>Connections/ Terminals</b>	
type of connectable conductor cross-sections	

- solid
- finely stranded with core end processing
- for AWG cables solid
- for AWG cables stranded

1x (0.5 ... 1.5 mm<sup>2</sup>), 2x (0.5 ... 0.75 mm<sup>2</sup>)  
 1x (0.5 ... 1.5 mm<sup>2</sup>), 2x (0.5 ... 0.75 mm<sup>2</sup>)  
 1x (20 ... 16), 2x (20 ... 18)  
 1x (20 ... 16), 2x (20 ... 18)

design of the interface for safety-related communication

without

#### Communication/ Protocol

design of the interface

without

#### Approvals Certificates

##### General Product Approval



KC



Functional Safety

Test Certificates

other

Environment

[Type Examination Certificate](#)

[Type Test Certificates/Test Report](#)



[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=3SE5232-0AC05-1CA0>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5232-0AC05-1CA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5232-0AC05-1CA0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE5232-0AC05-1CA0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5232-0AC05-1CA0&lang=en)

