



empty enclosure for position sw. with increased corrosion protection, plastic enclosure 50 mm, device connection 2x (M20 x 1.5) with cover, color turquoise and plunger

<b>product designation</b>	empty enclosure EKS, EN 50047, plastic, wide, cover turquoise
<b>General technical data</b>	
<b>degree of pollution</b>	class 3
<b>protection class IP</b>	IP66/IP67
<b>shock resistance</b>	
• according to IEC 60068-2-27	30g / 11 ms
<b>vibration resistance</b>	
• according to IEC 60068-2-6	0.35 mm/5g
<b>material of the enclosure of the switch head</b>	plastic
<b>reference code according to IEC 81346-2</b>	U
<b>repeat accuracy</b>	0.05 mm
<b>Substance Prohibittance (Date)</b>	07/01/2006
<b>minimum actuating force in directions of actuation</b>	20 N
<b>length of the sensor</b>	60.7 mm
<b>width of the sensor</b>	50 mm
<b>design of the interface for safety-related communication</b>	without
<b>Enclosure</b>	
<b>design of the housing</b>	block, wide
<b>material of the enclosure</b>	plastic
<b>coating of the enclosure</b>	Other types
<b>design of the housing according to standard</b>	No
<b>Drive Head</b>	
<b>design of the actuating element</b>	Rounded plunger, plastic plunger
<b>standard-compliant actuator head</b>	EN 50047, design B
<b>shape of the switch head</b>	rounded
<b>design of the switching function</b>	Positive opening with appropriate positive opening actuator head and switching element
<b>Connections/ Terminals</b>	
<b>type of connectable conductor cross-sections</b>	
• solid	1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )
• finely stranded with core end processing	1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )
• at AWG cables solid	1x (20 ... 16), 2x (20 ... 18)
• at AWG cables stranded	1x (20 ... 16), 2x (20 ... 18)
<b>cable entry type</b>	2x (M20 x 1.5)
<b>Communication/ Protocol</b>	
<b>design of the interface</b>	without
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• during operation	-25 ... +85 °C

• during storage	-40 ... +90 °C
explosion protection category for dust	none
<b>Installation/ mounting/ dimensions</b>	
mounting position	any
fastening method	screw fixing

**Certificates/ approvals**

**General Product Approval**



[Confirmation](#)



Functional Safety/Safety of Machinery	Declaration of Conformity	Test Certificates	other
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[Type Examination Certificate](#)



EG-Konf.

[Type Test Certificates/Test Report](#)

[Confirmation](#)

**Further information**

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=3SE5242-0AC05-1CA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5242-0AC05-1CA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5242-0AC05-1CA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE5242-0AC05-1CA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5242-0AC05-1CA0&lang=en)

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