



Toggle switch, 22 mm, round, metal shiny, black, 2 switch positions O-I, latching

<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	Toggle switches
<b>design of the product</b>	Actuating/signaling element
<b>product type designation</b>	3SU1
<b>product line</b>	Metal, shiny, 22 mm
<b>Enclosure</b>	
<b>number of command points</b>	1
<b>Actuator</b>	
<b>principle of operation of the actuating element</b>	latching
<b>product extension optional</b>	
• light source	No
• contact module	Yes
<b>color</b>	
• of the actuating element	black
• of the cover cap	other
<b>material of the actuating element</b>	plastic
<b>shape of the actuating element</b>	Toggle lever
<b>outer diameter of the actuating element</b>	29.45 mm
<b>number of switching positions</b>	2
<b>Front ring</b>	
<b>product component front ring</b>	Yes
<b>design of the front ring</b>	Standard
<b>material of the front ring</b>	Metal, high gloss
<b>color of the front ring</b>	silver
<b>General technical data</b>	
<b>protection class IP</b>	IP66, IP67, IP69(IP69K)
<b>degree of protection NEMA rating</b>	1, 2, 3, 3R, 4, 4X, 12, 13
<b>shock resistance</b>	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
<b>vibration resistance</b>	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
<b>operating frequency maximum</b>	1 800 1/h
mechanical service life (switching cycles) typical	1 000 000
<b>reference code according to IEC 81346-2</b>	S
<b>Substance Prohibitance (Date)</b>	10/01/2014
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C

environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%)
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### Installation/ mounting/ dimensions

shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	22.3 mm
installation width	29.45 mm
installation depth	26.3 mm

### Certificates/ approvals

General Product Approval	Declaration of Conformity
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[Confirmation](#)



### Test Certificates Marine / Shipping

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



### Marine / Shipping other



[Environmental Confirmations](#)

[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=3SU1050-3EA10-0AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-3EA10-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-3EA10-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1050-3EA10-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-3EA10-0AA0&lang=en)

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