

SELECTOR SWITCH, CAN BE ILLUM., 22MM, ROUND, PLASTIC, GREEN, SHORT SELECTOR SWITCH, 2 SWITCH POSITIONS O-I, LATCHING, ACTUATING ANGLE 90 DEG., 10:30H/13:30H

product brandname	SIRIUS ACT
Product type designation	3SU1

### Enclosure

Number of command points	1
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### Actuator

Design of the operating mechanism	Selector switch, short black handle
Manner of function of the actuating element	maintained, 90° (10:30h/13:30h)
Product extension optional Light source	Yes
Color of the actuating element	Green
Material of the actuating element	plastic
Shape of the actuating element	Handle
Outer diameter of the actuating element	32.3 mm
Number of switching positions	2
Actuating angle	90°
<ul style="list-style-type: none"> <li>clockwise</li> </ul>	

### Front ring

Product component front ring	Yes
Design of the front ring	standard
Material of the front ring	plastic
Color of the front ring	black

### General technical data

Protection class IP	IP66, IP67, IP69(IP69K)
Degree of protection NEMA rating	NEMA 1, 2, 3, 3R, 4, 4X, 12
Shock resistance	
<ul style="list-style-type: none"> <li>acc. to IEC 60068-2-27</li> <li>for railway applications acc. to DIN EN 61373</li> </ul>	Sinusoidal half-wave 50 g / 11 ms Category 1, Class B
Vibration resistance	
<ul style="list-style-type: none"> <li>acc. to IEC 60068-2-6</li> <li>for railway applications acc. to DIN EN 61373</li> </ul>	10 ... 500 Hz: 5g Category 1, Class B
Operating frequency maximum	1 800 1/h
Mechanical service life (switching cycles)	
<ul style="list-style-type: none"> <li>typical</li> </ul>	1 000 000
Equipment marking	
<ul style="list-style-type: none"> <li>acc. to DIN EN 61346-2</li> </ul>	S

• acc. to DIN EN 81346-2

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### Safety related data

<b>B10 value</b>	
• with high demand rate acc. to SN 31920	100 000
<b>Proportion of dangerous failures</b>	
• with low demand rate acc. to SN 31920	20 %
• with high demand rate acc. to SN 31920	20 %
<b>Failure rate [FIT]</b>	
• with low demand rate acc. to SN 31920	100 FIT
<b>T1 value for proof test interval or service life acc. to IEC 61508</b>	20 y





### Ambient conditions

<b>Ambient temperature</b>	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
<b>Environmental category during operation acc. to IEC 60721</b>	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %)

### Installation/ mounting/ dimensions

<b>Height</b>	32.3 mm
<b>Width</b>	32.3 mm
<b>Shape of the installation opening</b>	round
<b>Mounting diameter</b>	22.3 mm
<b>Positive tolerance of installation diameter</b>	0.4 mm
<b>Mounting height</b>	28.8 mm
<b>Installation width</b>	32.3 mm
<b>Installation depth</b>	25.4 mm

### Certificates/approvals

General Product Approval	Declaration of Conformity	Test Certificates
 CSA	 UL	
	 EG-Konf.	<a href="#">Werksbescheinigung</a> <a href="#">gen</a>
		<a href="#">spezielle Prüfbescheinigung</a> <a href="#">n</a>

other

[Bestätigungen](#)

### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1002-2BF40-0AA0>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1002-2BF40-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1002-2BF40-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1002-2BF40-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1002-2BF40-0AA0&lang=en)

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