

Illuminable selector switch, 30 mm, round, Metal matt, black, Selector switch short, front ring for flush installation, latching, actuating angle 90°, 10:30h/13:30h, with laser labeling, inscription or symbol, Customer-specific selection with SIRIUS ACT configurator (CIN)

Product brand name	SIRIUS ACT
Product designation	Selector switches
Design of the product	Actuating/signaling element
Product type designation	3SU1
Product line	Metal, matt, flat, 30 mm

### Enclosure

Number of command points	1
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### Actuator

Design of the operating mechanism	Selector, short
Manner of function of the actuating element	latching, 90° (10:30 h/13:30 h)
Product extension optional Light source	Yes
Color of the actuating element	black
Material of the actuating element	plastic
Shape of the actuating element	Handle
Outer diameter of the actuating element	38 mm
Marking of the actuating element	Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)
Number of switching positions	2
Actuating angle	
<ul style="list-style-type: none"> <li>clockwise</li> </ul>	90°

### Front ring

Product component front ring	Yes
Design of the front ring	Flat
Material of the front ring	Metal, matt
Color of the front ring	sand gray

### General technical data

Protection class IP	IP66, IP67, IP69(IP69K)
Degree of protection NEMA rating	NEMA 1, 2, 3, 3R, 4, 4X, 12, 13
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> </ul>	10 ... 500 Hz: 5g

• for railway applications acc. to DIN EN 61373	Category 1, Class B
<b>Operating frequency maximum</b>	1 800 1/h
<b>Mechanical service life (switching cycles)</b>	
• typical	300 000
<b>Reference code acc. to DIN EN 81346-2</b>	S
<b>Reference code acc. to DIN EN 61346-2</b>	S

#### 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
Environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %)

#### Installation/ mounting/ dimensions

<b>Height</b>	44.8 mm
<b>Width</b>	38 mm
<b>Shape of the installation opening</b>	round
<b>Mounting diameter</b>	30.5 mm
<b>Positive tolerance of installation diameter</b>	0.5 mm
<b>Mounting height</b>	22.1 mm
<b>Installation width</b>	38 mm
<b>Installation depth</b>	32.1 mm

#### Certificates/ approvals

General Product Approval			Declaration of Conformity	Test Certificates
 CSA	 UL		 EG-Konf.	<a href="#">Miscellaneous</a> <a href="#">Type Test Certificates/Test Report</a>

Test Certificates	Marine / Shipping				
<a href="#">Special Test Certificate</a>	 ABS	 LRS	 PRS	 RINA	 RMRS

Marine / Shipping	other
	<a href="#">Confirmation</a>

#### 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=3SU1062-2DF10-0AA0-Z Y19>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1062-2DF10-0AA0-Z Y19>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1062-2DF10-0AA0-Z Y19>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1062-2DF10-0AA0-Z Y19&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1062-2DF10-0AA0-Z Y19&lang=en)

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