

Quadruple pushbutton, 22 mm, round, plastic with metal front ring, black, pushbuttons, flat, Symbol: Arrow pointing left, right, up and down

Product brand name	SIRIUS ACT
Product designation	Coordinate switches
Design of the product	Actuating/signaling element
Product type designation	3SU1

### Actuator

Design of the operating mechanism	without mechanical interlock
Manner of function of the actuating element	momentary contact type
Color <ul style="list-style-type: none"> <li>• of the actuating element</li> </ul>	black
Material of the actuating element	plastic
Shape of the actuating element	Clover-leaf
Outer diameter of the actuating element	60 mm

### Front ring

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

### General technical data

Protection class IP	IP65, IP66
Degree of protection NEMA rating	NEMA 1, 2, 3, 3R, 4, 4X
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	3 600 1/h
Mechanical service life (switching cycles) <ul style="list-style-type: none"> <li>• typical</li> </ul>	200 000
Reference code acc. to DIN EN 81346-2	S
Reference code acc. to DIN EN 61346-2	S

### Safety related data

B10 value <ul style="list-style-type: none"> <li>• with high demand rate acc. to SN 31920</li> </ul>	100 000
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<b>Proportion of dangerous failures</b>	
<ul style="list-style-type: none"> <li>• with low demand rate acc. to SN 31920</li> <li>• with high demand rate acc. to SN 31920</li> </ul>	20 % 20 %
<b>Failure rate [FIT]</b>	
<ul style="list-style-type: none"> <li>• with low demand rate acc. to SN 31920</li> </ul>	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>	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul>	-25 ... +70 °C -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>	60 mm
<b>Width</b>	60 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>	18 mm
<b>Installation width</b>	60 mm
<b>Installation depth</b>	26 mm

#### Certificates/ approvals

General Product Approval		Declaration of Conformity	Test Certificates
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[Miscellaneous](#)



[Type Test Certificates/Test Report](#)

### Marine / Shipping



### other

[Confirmation](#)

### Further information

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

[www.siemens.com/sirius/catalogs](http://www.siemens.com/sirius/catalogs)

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1030-3FB11-0AU0>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-3FB11-0AU0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-3FB11-0AU0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1030-3FB11-0AU0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-3FB11-0AU0&lang=en)

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