



Selector switch, illuminable, 22 mm, round, plastic with metal front ring, red, selector switch, short, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h

product brand name	SIRIUS ACT
product designation	Selector switches
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Plastic with metal front ring, matt, 22 mm

Enclosure

number of command points	1
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Actuator

design of the actuating element	Selector, short
principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)
product extension optional	
• light source	Yes
• contact module	Yes
color of the actuating element	red
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	3
actuating angle	
• clockwise	45°
• anticlockwise	45°

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	IP66, IP67, IP69(IP69K)
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications according to EN 61373	Category 1, Class B
operating frequency maximum	1 800 1/h
mechanical service life (switching cycles) typical	1 000 000
reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	10/01/2014

Safety related data

B10 value with high demand rate according to SN 31920	300 000
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proportion of dangerous failures

- with low demand rate according to SN 31920
- with high demand rate according to SN 31920

failure rate [FIT] with low demand rate according to SN 31920

20 %
20 %
100 FIT

Ambient conditions**ambient temperature**

- during operation
- during storage

environmental category during operation according to IEC 60721

-25 ... +70 °C
-40 ... +80 °C
3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%)

Installation/ mounting/ dimensions

height

32.3 mm

width

32.3 mm

shape of the installation opening

round

mounting diameter

22.3 mm

positive tolerance of installation diameter

0.4 mm

mounting height

28.8 mm

installation width

32.3 mm

installation depth

25.4 mm

Certificates/ approvals**General Product Approval****Declaration of Conformity**

[Confirmation](#)

**Test Certificates****Marine / Shipping**

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

**Marine / Shipping****other**

[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=3SU1032-2BL20-0AA0>

Cax online generator

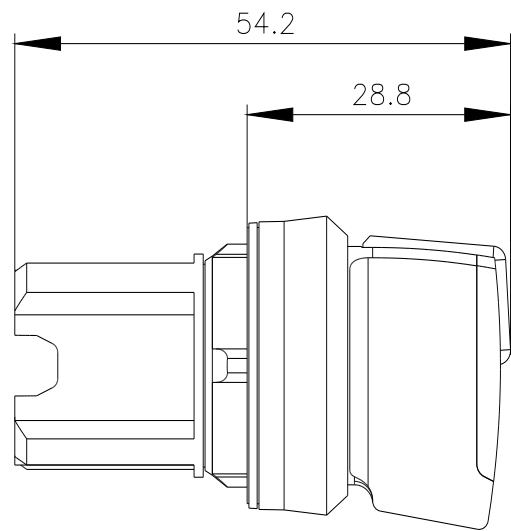
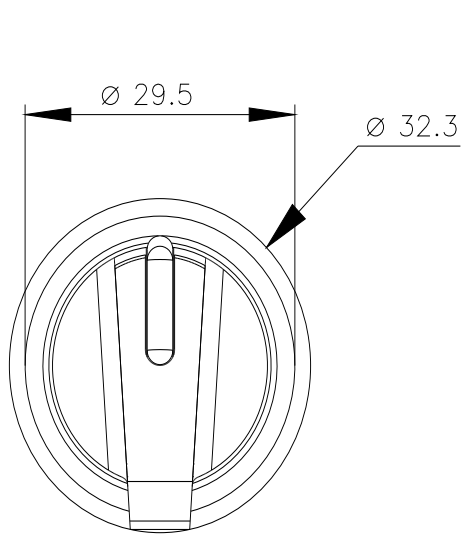
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1032-2BL20-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1032-2BL20-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1032-2BL20-0AA0&lang=en



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1/26/2022 