## **SIEMENS**

## **Data sheet**



Selector switch, illuminable, 22 mm, round, plastic with metal front ring, red, selector switch, short, 3 switch positions I>O<II, momentary contact type, actuating angle  $2x45^{\circ}$ , 10:30h/12h/13:30h, with laser labeling, upper case

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	
Actuator		
design of the actuating element	Selector, short	
principle of operation of the actuating element	momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides	
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	
marking of the actuating element	Any inscription, text in upper case	
number of switching positions	3	
actuating angle		
<ul><li>clockwise</li></ul>	45°	
<ul> <li>anticlockwise</li> </ul>	45°	
Front ring	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		
<ul><li>according to IEC 60068-2-27</li></ul>	sinusoidal half-wave 15g / 11 ms	
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B	
vibration resistance		
<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g	
<ul> <li>for railway applications according to EN 61373</li> </ul>	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	

Cubatanaa Brahihitanaa (Bata)	10/04/2014
Substance Prohibitance (Date)	10/01/2014
Safety related data	
B10 value with high demand rate according to SN 31920	300 000
proportion of dangerous failures	
<ul> <li>with low demand rate according to SN 31920</li> </ul>	20 %
<ul> <li>with high demand rate according to SN 31920</li> </ul>	20 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
Ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	-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%)
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	
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=3SU1032-2BM20-0AA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1032-2BM20-0AA0-Z Y11

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1032-2BM20-0AA0-Z Y11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax">http://www.automation.siemens.com/bilddb/cax</a> de.aspx?mlfb=3SU1032-2BM20-0AA0-Z Y11&lang=en

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