



Selector switch, illuminable, 22 mm, round, plastic with metal front ring, yellow, selector switch, short, 3 switch positions I-O<II, left latching, right momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, with laser labeling, upper case and lower case, always upper case at the beginning of the word

<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	Selector switches
<b>design of the product</b>	Actuating/signaling element
<b>product type designation</b>	3SU1
<b>product line</b>	Plastic with metal front ring, matt, 22 mm
<b>Enclosure</b>	
<b>number of command points</b>	1
<b>Actuator</b>	
<b>design of the actuating element</b>	Selector, short
<b>principle of operation of the actuating element</b>	latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching
<b>product extension optional</b>	
• light source	Yes
• contact module	Yes
<b>color of the actuating element</b>	yellow
<b>material of the actuating element</b>	plastic
<b>shape of the actuating element</b>	Handle
<b>outer diameter of the actuating element</b>	32.3 mm
<b>marking of the actuating element</b>	Customized labeling, text in lower case / capital letters, all words start with capital letters
<b>number of switching positions</b>	3
<b>actuating angle</b>	
• clockwise	45°
• anticlockwise	45°
<b>Front ring</b>	
<b>product component front ring</b>	Yes
<b>design of the front ring</b>	standard
<b>material of the front ring</b>	Metal, matt
<b>color of the front ring</b>	sand gray
<b>General technical data</b>	
<b>protection class IP</b>	IP66, IP67, IP69(IP69K)
<b>degree of protection NEMA rating</b>	1, 2, 3, 3R, 4, 4X, 12, 13
<b>shock resistance</b>	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
<b>vibration resistance</b>	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications according to EN 61373	Category 1, Class B
<b>operating frequency maximum</b>	1 800 1/h
<b>mechanical service life (switching cycles) typical</b>	1 000 000

reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	10/01/2014
<b>Safety related data</b>	
B10 value with high demand rate according to SN 31920	300 000
<b>proportion of dangerous failures</b>	
• with low demand rate according to SN 31920	20 %
• with high demand rate according to SN 31920	20 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• during operation	-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%)
<b>Installation/ mounting/ dimensions</b>	
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
<b>Certificates/ approvals</b>	
<b>Further information</b>	

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=3SU1032-2BN30-0AA0-Z Y15>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1032-2BN30-0AA0-Z Y15>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1032-2BN30-0AA0-Z Y15>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1032-2BN30-0AA0-Z Y15&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1032-2BN30-0AA0-Z Y15&lang=en)

last modified:

1/26/2022 