



Siemens
EcoTech



Selector switch, illuminable, 22 mm, round, plastic, blue, selector switch, short, 2 switch positions O-I, 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	Plastic, black, 22 mm
Enclosure	
number of command points	1
Actuator	
design of the actuating element	Selector, short
principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)
product extension optional	
• light source	Yes
• contact module	Yes
color of the actuating element	blue
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	Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)
number of switching positions	2
actuating angle	
• clockwise	90°
Front ring	
product component front ring	Yes
design of the front ring	standard
material of the front ring	plastic
color of the front ring	black
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 (operating cycles) typical		1 000 000
reference code according to IEC 81346-2		S
Substance Prohibittance (Date)		10/01/2014
Safety related data		
proportion of dangerous failures		
• with low demand rate according to SN 31920		20 %
• with high demand rate according to SN 31920		20 %
B10 value with high demand rate according to SN 31920		100 000
failure rate [FIT] with low demand rate according to SN 31920		100 FIT
Ambient conditions		
ambient temperature		
• 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%)
Environmental footprint		
Environmental Product Declaration (EPD)		Yes
Global Warming Potential [CO2 eq] total		0.787 kg
Global Warming Potential [CO2 eq] during manufacturing		0.566 kg
Global Warming Potential [CO2 eq] during operation		0.235 kg
Global Warming Potential [CO2 eq] after end of life		-0.015 kg
Siemens Eco Profile (SEP)		Siemens EcoTech
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
Approvals Certificates		
General Product Approval		Test Certificates
		Marine / Shipping



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



Marine / Shipping	other	Environment
		Confirmation
		Siemens EcoTech

Further information
Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 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=3SU1002-2BF50-0AA0-Z Y19 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1002-2BF50-0AA0-Z Y19 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1002-2BF50-0AA0-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=3SU1002-2BF50-0AA0-Z Y19&lang=en

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