

Siemens
EcoTech



Illuminable selector switch, 22 mm, round, plastic, black, Selector switch short, 2 switch positions O<I, momentary contact type, Actuating angle 45°, 10:30h/12h, with laser labeling, upper case and lower case, always upper case at the beginning of the word

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	momentary contact, 45° (10:30 h/12 h), return from center to left
product extension optional	
• light source	Yes
• contact module	Yes
color of the actuating element	black
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 in lower case/capital letters, all words start with capital letters
number of switching positions	2
actuating angle	
• clockwise	45°
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 Prohibitance (Date)	03/01/2017
Weight	0.025 kg
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	500 000
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
IEC 61508	

T1 value for proof test interval or service life according to IEC 61508		20 a
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
 EG-Konf. Confirmation   		Special Test Certificate
Test Certificates	other	Environment
Type Test Certificates/Test Report	Confirmation	 Environmental Confirmations
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=3SU1002-2BC10-0AA0-Z Y15 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1002-2BC10-0AA0-Z Y15 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1002-2BC10-0AA0-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=3SU1002-2BC10-0AA0-Z Y15&lang=en		
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