

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



Product brand name	SIRIUS ACT
Product designation	Selector switches
Design of the product	Actuating/signaling element
Product type designation	3SU1

Enclosure	
Number of command points	1

Actuator	
Design of the operating mechanism	Selector, short
Manner of function of the actuating element	momentary contact type, 45° (10:30h/12h), retraction from center to left
Product extension optional Light source	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
Number of switching positions	2
Actuating angle	45°
• clockwise	

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	NEMA 1, 2, 3, 3R, 4, 4X, 12, 13
Shock resistance	<ul style="list-style-type: none"> • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373
	Sinusoidal half-wave 50 g / 11 ms Category 1, Class B
Operating frequency maximum	1 800 1/h
Mechanical service life (switching cycles)	<ul style="list-style-type: none"> • typical
	1 000 000
Reference code acc. to DIN EN 81346-2	S
Reference code acc. to DIN EN 61346-2	S

Safety related data	
B10 value	<ul style="list-style-type: none"> • with high demand rate acc. to SN 31920
	500 000
Proportion of dangerous failures	<ul style="list-style-type: none"> • with low demand rate acc. to SN 31920 • with high demand rate acc. to SN 31920
	20 % 20 %
Failure rate [FIT]	<ul style="list-style-type: none"> • with low demand rate acc. to SN 31920
	100 FIT
T1 value for proof test interval or service life acc. to IEC 61508	20 y

Ambient conditions	
Ambient temperature	<ul style="list-style-type: none"> • during operation • during storage
	-25 ... +70 °C -40 ... +80 °C
Environmental category during operation acc. 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

General Product Approval



CSA



UL



EG-Konf.

Declaration of Conformity

Test Certificates

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

Marine / Shipping



ABS



LRS



PRS



RINA



RMRS



DNVGL.COM/AF

other

[Confirmation](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1002-2BC10-0AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1002-2BC10-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1002-2BC10-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1002-2BC10-0AA0&lang=en



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