

SELECTOR SWITCH, CAN BE ILLUM., 22MM, ROUND, PLASTIC, GREEN, SHORT SELECTOR SWITCH, 3 SWITCH POSITIONS I-O-II, LATCHING, ACTUATING ANGLE 2X45 DEG., 10:30H/12H/13:30H

product brandname	SIRIUS ACT
Product type designation	3SU1

Enclosure

Number of command points	1
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Actuator

Design of the operating mechanism	Selector switch, short black handle
Manner of function of the actuating element	maintained, 2x45° (10:30h/12h/13:30h)
Product extension optional Light source	Yes
Color of the actuating element	Green
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	3
Actuating angle	
• clockwise	45°
• anticlockwise	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	NEMA 1, 2, 3, 3R, 4, 4X, 12
Shock resistance	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Operating frequency maximum	1 800 1/h
Mechanical service life (switching cycles)	
• typical	1 000 000

Equipment marking	
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 81346-2	S
Safety related data	
B10 value	
• with high demand rate acc. to SN 31920	300 000
Proportion of dangerous failures	
• with low demand rate acc. to SN 31920	20 %
• with high demand rate acc. to SN 31920	20 %
Failure rate [FIT]	
• 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	
• during operation	-25 ... +70 °C
• during storage	-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			Declaration of Conformity	Test Certificates	
				Werksbescheinigung	spezielle Prüfbescheinigungen
CSA	UL		EG-Konf.		

other
Bestätigungen

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=3SU1002-2BL40-0AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1002-2BL40-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1002-2BL40-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1002-2BL40-0AA0&lang=en

last modified:

02/07/2017