SIEMENS

Data sheet



Selector switch, illuminable, 22 mm, round, metal, shiny, blue, selector switch, short, 3 switch positions I>O<II, momentary contact type, actuating angle $2x45^{\circ}$, 10:30h/12h/13:30h

product brand name	SIRIUS ACT
product designation	Selector switches
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Metal, shiny, 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, 2x45° (10:30 h/12 h/13:30 h), return on both sides
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
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	Metal, high gloss
color of the front ring	silver
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
vibration resistance	
according to IEC 60068-2-6	10 500 Hz: 5g
operating frequency maximum	1 800 1/h
mechanical service life (switching cycles) typical	1 000 000
reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	10/01/2014
Safety related data	
B10 value with high demand rate according to SN 31920	300 000

proportion of dangerous failures	
 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
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%)
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



Confirmation



EAC





Test Certificates

Marine / Shipping

Special Test Certificate

Type Test Certificates/Test Report









Marine / Shipping

other



Confirmation

Environmental Confirmations

Further information

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=3SU1052-2BM50-0AA0

Cax online generator

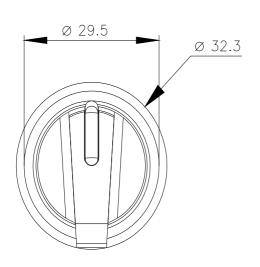
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1052-2BM50-0AA0

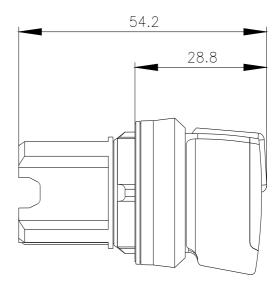
 $Service \& Support \ (Manuals, \ Certificates, \ Characteristics, \ FAQs, ...)$

https://support.industry.siemens.com/cs/ww/en/ps/3SU1052-2BM50-0AA0

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1052-2BM50-0AA0&lang=en





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