

**Siemens
EcoTech**



illuminable selector switch, 22 mm, round, collar metal, front ring metal high gloss, black, selector long, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, lockable in O + I, with 2 padlocks, or snap hook, shackle diameter 5 mm, can be combined with metal holder



product brand name	SIRIUS ACT
product designation	Selector switches
product type designation	3SU1
Enclosure	
number of command points	1
Actuator	
design of the actuating element	Lockable with 2 padlocks or carabiner hooks
principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)
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	48 mm
number of switching positions	3
actuating angle	
• clockwise	45°
• anticlockwise	45°
Front ring	
product component front ring	Yes
design of the front ring	with recesses for locking device
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 (operating cycles) typical	300 000
reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	03/01/2017
Weight	59 g

Safety related data

proportion of dangerous failures	
with low demand rate according to SN 31920	20 %
with high demand rate per NC contact according to SN 31920	20 %
with high demand rate per NO contact according to SN 31920	50 %
B10 value with high demand rate according to SN 31920	300 000
failure rate [FIT] with low demand rate per NC contact 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	0.593 kg
global warming potential [CO2 eq] during manufacturing	0.625 kg
global warming potential [CO2 eq] during operation	0.235 kg
global warming potential [CO2 eq] after end of life	-0.267 kg
Siemens Eco Profile (SEP)	Siemens EcoTech

Installation/ mounting/ dimensions

height	48 mm
width	48 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	48 mm
installation depth	25.4 mm

Approvals Certificates

General Product Approval	Test Certificates
   	Type Test Certificates/Test Report Special Test Certificate

Maritime application	other
   	 Confirmation

Environment

  	Environmental Con-firmations
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Further information

Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3SU1052-2GL10-0AA0>

Cax online generator

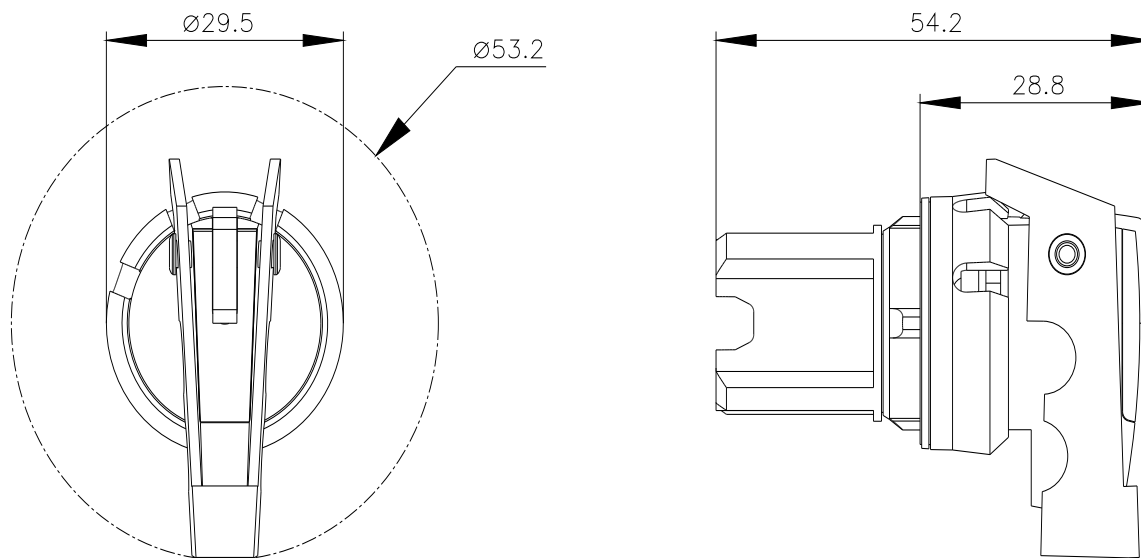
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1052-2GL10-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1052-2GL10-0AA0>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1052-2GL10-0AA0&lang=en



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