

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 15 g / 11 ms
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5 g
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 (day/month/year)	03/01/2017
Net Weight	56.5 g

Safety related data	
proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN 31920 • with high demand rate per NO contact according to SN 31920	20 % 20 % 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 • during storage	-25 ... +70 °C -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	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
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
Approvals Certificates	
Environmental Product Declaration	
• global warming potential [CO2 eq] / during manufacturing • global warming potential [CO2 eq] / during operation • global warming potential [CO2 eq] / after end of life • global warming potential [CO2 eq] / total	0.625 kg 0.235 kg -0.267 kg 0.593 kg
Environment	General Product Approval
Environmental Con- firmations     	
General Product Ap- proval	Test Certificates Maritime application
 Type Test Certi- ficates/Test Report Special Test Certi- ficate   	
Maritime application	other



[Confirmation](#)



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

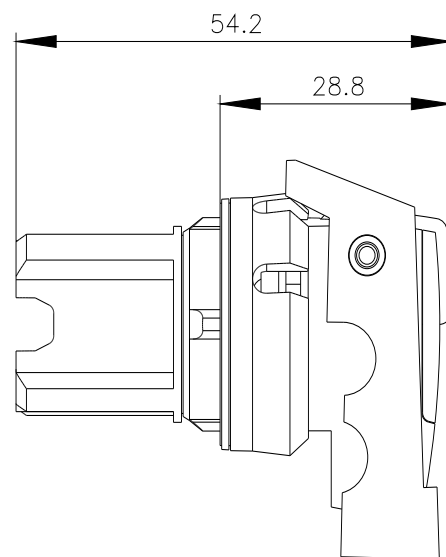
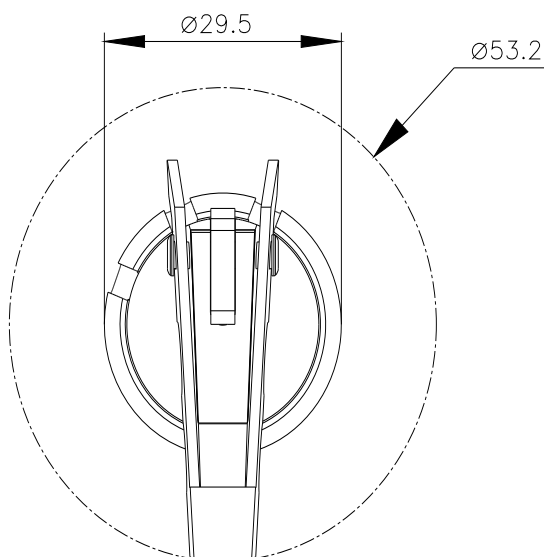
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1052-2GL10-0AA0>

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



last modified:

4/4/2026