SIEMENS

Data sheet   **3SU1042-2GL10-0AA0**

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

product brand name	SIRIUS ACT
product designation	Selector switches
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Plastic with metal front ring, matt, 22 mm
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, matt
color of the front ring	sand gray
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
Safety related data	
proportion of dangerous failures	
● with low demand rate according to SN 31920	20 %

5/14/2024

● with high demand rate according to SN 31920	20 %
B10 value with high demand rate according to SN 31920	300 000
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	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
CE EG-Konf. UKCA Confirmation cULus EAC	Type Test Certificates/Test Report

Test Certificates	Marine / Shipping	other
Special Test Certificate	ABS LRS PRS RINA	Confirmation

Environment
Environmental Confirmations

Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3SU1042-2GL10-0AA0
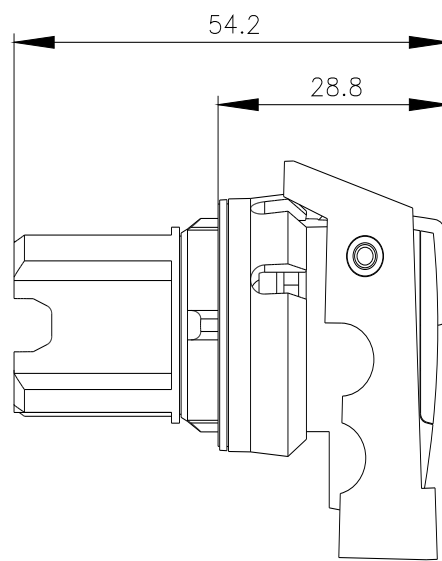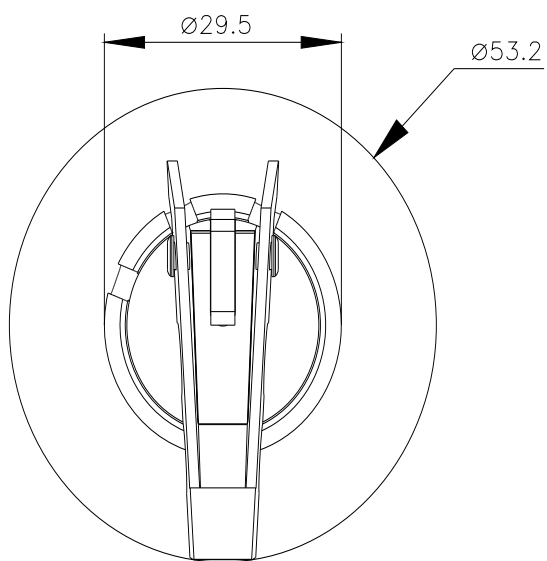
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1042-2GL10-0AA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1042-2GL10-0AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1042-2GL10-0AA0&lang=en

Ø29.5

Ø53.2

54.2

28.8

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Siemens](#):

[3SU10422GL100AA0](#)