



Pushbutton, 22 mm, round, metal, shiny, red, pushbutton, flat, momentary contact type, with holder, 1 NO, screw terminal, Z=20-unit packaging

product brand name	SIRIUS ACT
product designation	Pushbuttons
design of the product	Complete unit
product type designation	3SU1
product line	Metal, shiny, 22 mm
manufacturer's article number	
• of supplied contact module at position 1	3SU1400-1AA10-1BA0
• of the supplied holder	3SU1550-0AA10-0AA0
• of the supplied actuator	3SU1050-0AB20-0AA0
number of command points	1

Actuator

design of the actuating element	Button, flat
principle of operation of the actuating element	momentary contact type
product extension optional light source	No
color of the actuating element	red
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	29.45 mm
number of contact modules	1

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

Holder

material of the holder	Plastic
------------------------	---------

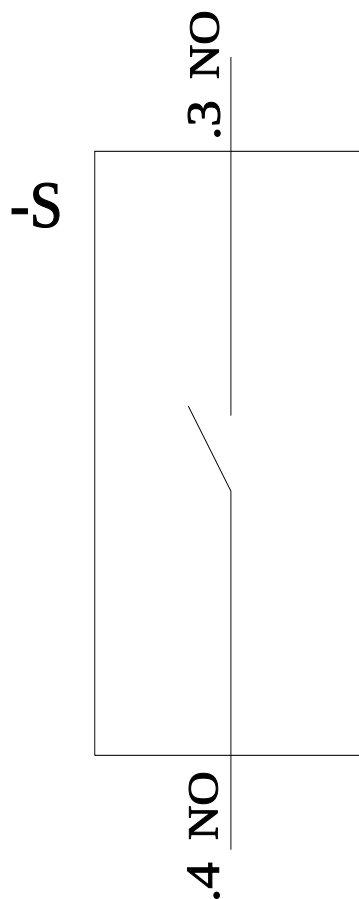
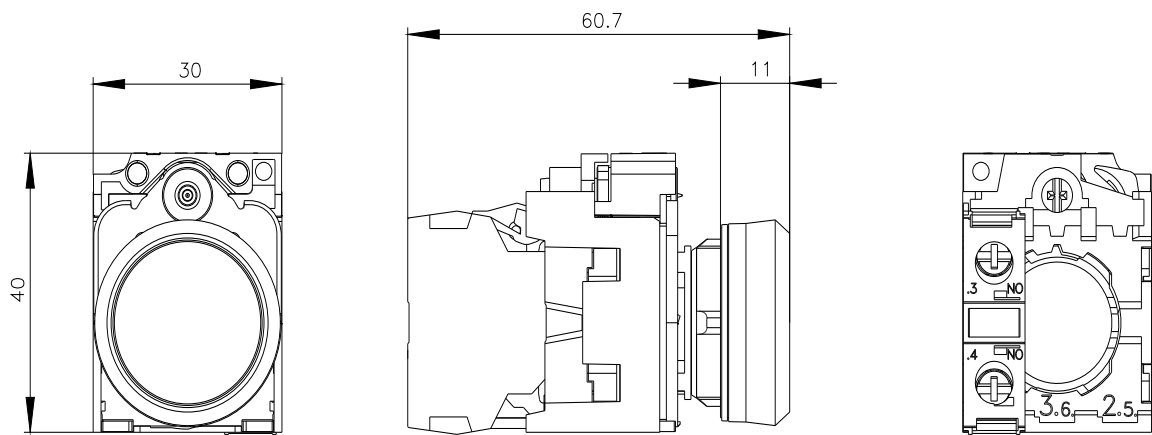
Display

number of LED modules	0
-----------------------	---

General technical data

product function positive opening	No
product component light source	No
insulation voltage rated value	500 V
degree of pollution	3
type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value	6 kV
protection class IP	IP66, IP67, IP69(IP69K)
• of the terminal	IP20
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 operating frequency maximum mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical thermal current reference code according to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value • at DC rated value	10 ... 500 Hz: 5g 3 600 1/h 10 000 000 10 000 000 10 A S 10 A; for a short-circuit current smaller than 400 A 10 A 10 A 10/01/2014 5 ... 500 V 5 ... 500 V 5 ... 500 V
Power Electronics	
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	1
Connections/ Terminals	
type of electrical connection • of modules and accessories	screw-type terminals Screw-type terminal
type of connectable conductor cross-sections • solid with core end processing • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG cables	2x (0.5 ... 0.75 mm ²) 2x (1.0 ... 1.5 mm ²) 2x (0.5 ... 1.5 mm ²) 2x (1.0 ... 1.5 mm ²) 2x (18 ... 14)
tightening torque of the screws in the bracket	1 ... 1.2 N·m
tightening torque with screw-type terminals	0.8 ... 0.9 N·m
Ambient conditions	
ambient temperature • during operation • during storage environmental category during operation according to IEC 60721	-25 ... +70 °C -40 ... +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%, no condensation in operation permitted for all devices behind front panel)
Installation/ mounting/ dimensions	
fastening method • of modules and accessories	front plate mounting Front plate mounting
height	40 mm
width	30 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	11 mm
installation width	29.5 mm
installation depth	49.7 mm
Certificates/ approvals	
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=3SU1150-0AB20-1BA0-Z X90 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-0AB20-1BA0-Z X90 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-0AB20-1BA0-Z X90 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-0AB20-1BA0-Z X90&lang=en	



last modified:

1/26/2022 

