## **SIEMENS**

## **Data sheet**



Illuminated pushbutton, 22 mm, round, metal, shiny, red, pushbutton, flat, momentary contact type, with holder, 1 NO+1 NC, LED module with integrated LED 24 V AC/DC, screw terminal, Z=20-unit packaging

product brand name	SIRIUS ACT
product designation	Illuminated pushbuttons
design of the product	Complete unit
product type designation	3SU1
product line	Metal, shiny, 22 mm
manufacturer's article number	
<ul> <li>of supplied contact module at position 1</li> </ul>	3SU1400-1AA10-1FA0
<ul> <li>of supplied LED module</li> </ul>	3SU1401-1BB20-1AA0
<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0
of the supplied actuator	3SU1051-0AB20-0AA0
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	Yes
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	1
General technical data	
product function positive opening	Yes
product component light source	Yes
insulation voltage rated value	320 V
degree of pollution	3
type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value	4 kV
protection class IP	IP66, IP67, IP69(IP69K)
of the terminal	IP20, clamping screw tightened
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	3 600 1/h
mechanical service life (switching cycles) typical	3 000 000
electrical endurance (switching cycles) typical	10 000 000
thermal current	10 A
reference code according to IEC 81346-2	S
continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	10 A
continuous current of the DIAZED fuse link gG	10 A
Substance Prohibitance (Date)	10/01/2014
operating voltage	
• at AC	
— at 50 Hz rated value	5 500 V
— at 60 Hz rated value	5 500 V
at DC rated value	5 500 V
Power Electronics	∪ 000 V
	One real engage in man 400 million (47.1/ 5 m.A.)
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
Supply voltage	minori (O V, 1 m/V)
Supply voltage	AO/DO
type of voltage of the supply voltage of the light source	AC/DC
supply voltage of the light source at AC	
<ul> <li>at 50 Hz rated value</li> </ul>	24 V
at 60 Hz rated value	24 V
supply voltage 1 of the light source at DC rated value	24 V
Control circuit/ Control	
inrush current of LED module maximum	2 A
Auxiliany airquit	
Auxiliary circuit	
	Silver alloy
design of the contact of auxiliary contacts	Silver alloy
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts	Silver alloy 1
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts	1
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals	1
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	1 1 screw-type terminals
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection  • of modules and accessories	1
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection  • of modules and accessories  type of connectable conductor cross-sections	1 1 screw-type terminals Screw-type terminal
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection  of modules and accessories  type of connectable conductor cross-sections  solid with core end processing	1 1 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm²)
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²)
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design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection  of modules and accessories  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	1 1 screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,4)
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design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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	71.7 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=3SU1152-0AB20-1FA0-Z X90

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1152-0AB20-1FA0-Z X90

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1152-0AB20-1FA0-Z X90

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1152-0AB20-1FA0-Z X90&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1152-0AB20-1FA0-Z X90&lang=en</a>

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