## **SIEMENS**

## **Data sheet**



Pushbutton, 22 mm, round, metal, shiny, clear, pushbutton, flat, momentary contact type, with holder, 1 NO+1 NC, screw terminal, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

product designation design of the product product type designation product type designation 3SUI product line  Metal, shiny, 22 mm  Met	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm  Metal, shiny,	product designation	Pushbuttons
product line manufacturer's article number  • of supplied contact module at position 1 • of the supplied holder • of the supplied actuator  number of command points  Actuator  design of the actuating element product extension optional light source color of the actuating element material of the actuating element marking of the front ring design of the front ring feesing of the actuating element material of the front ring material of the holder product component light source  Observables  Tend of the actuating element marking of the actuating element May inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  1  Front ring product component front ring Metal, high gloss color of the front ring material of the front ring Metal, high gloss color of the front ring Testic Display number of LED modules  O General technical data product component light source No insulation voltage rated value foo V degree of pollution 3 type of voltage of the operating voltage AC/DC surge voltage resistance rated value 6 kV	design of the product	Complete unit
manufacturer's article number  of supplied contact module at position 1  of the supplied holder  of the supplied actuator  of the supplied actuator  asutisso-oAA10-oAA0  asutisso-oAA10-oAA0  number of command points  1  Actuator  design of the actuating element  principle of operation of the actuating element  product extension optional light source  color of the actuating element  shape of the actuating element  outer diameter of the actuating element  marking of the actuating element  any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of contact modules  1  Front ring  product component front ring  design of the front ring  Metal, high gloss  color of the front ring  Metal, high gloss  color of the front ring  material of the holder  Plastic  Display  number of LED modules  0  General technical data  product function positive opening  Yes  product component light source  No  insulation voltage rated value  6 kV  surge voltage of the operating voltage  AC/DC  surge voltage resistance rated value  6 kV	product type designation	3SU1
of supplied contact module at position 1 of the supplied holder of the supplied actuator  number of command points  1  Actuator  design of the actuating element	product line	Metal, shiny, 22 mm
of the supplied holder     of the supplied actuator     asul 1050-0AB70-0AA0     number of command points     Actuator  design of the actuating element	manufacturer's article number	
of the supplied actuator     number of command points     Actuator     design of the actuating element	<ul> <li>of supplied contact module at position 1</li> </ul>	3SU1400-1AA10-1FA0
number of command points  Actuator  design of the actuating element	<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0
Actuator   Button, flat   principle of operation of the actuating element   principle of operation of the actuating element   product extension optional light source   No   Color of the actuating element   clear   material of the actuating element   plastic   shape of the actuating element   round   outer diameter of the actuating element   29.45 mm   marking of the actuating element   Any inscription, text or symbol, can only be ordered via SIRIUS ACT   configuration Identification Number (CIN)   number of contact modules   1   Front ring   Yes   design of the front ring   Standard   material of the front ring   Metal, high gloss   color of the front ring   silver   Holder   Plastic   Display   number of LED modules   0   General technical data   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	of the supplied actuator	3SU1050-0AB70-0AA0
design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element outer diameter of the actuating element arking of the actuating element outer diameter of the actuating element arking of the actuating element outer diameter of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of contact modules  1  Front ring product component front ring design of the front ring Metal, high gloss color of the front ring whetal, high gloss color of the front ring Holder material of the holder Display number of LED modules  0  General technical data product component light source Insulation voltage rated value 500 V degree of pollution 3 type of voltage resistance rated value 6 kV	number of command points	1
principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element outer diameter of the actuating element marking of the actuating element outer diameter of the actuating element arking of the actuating element  number of contact modules  front ring product component front ring design of the front ring material of the front ring material of the holder material of the holder  Display number of LED modules  O General technical data product component light source insulation voltage rated value degree of pollution support voltage rated value support voltage resistance rated value  6 kV	Actuator	
product extension optional light source color of the actuating element material of the actuating element outer diameter of the actuating element marking of the actuating element outer diameter of the actuating element  marking of the actuating element  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules  1  Front ring product component front ring design of the front ring material of the front ring silver  Holder material of the holder Display number of LED modules  0  General technical data product component light source insulation voltage rated value  500 V degree of pollution surge voltage resistance rated value  6 kV	design of the actuating element	Button, flat
color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element outer diameter of the actuating element marking of the actuating element  number of contact modules  front ring product component front ring design of the front ring material of the front ring silver  material of the holder  Display number of LED modules  General technical data product function positive opening product component light source insulation voltage rated value  degree of pollution surge voltage resistance rated value  6 kV	principle of operation of the actuating element	momentary contact type
material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) number of contact modules 1  Front ring product component front ring design of the front ring Metal, high gloss color of the front ring material of the holder Holder material of the holder Display number of LED modules  General technical data product function positive opening product component light source insulation voltage rated value  degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value 6 kV	product extension optional light source	No
shape of the actuating element outer diameter of the actuating element marking of the actuating element  number of contact modules  Front ring product component front ring design of the front ring material of the front ring material of the holder  Display  number of LED modules  General technical data product component light source insulation voltage rated value  degree of pollution surge voltage resistance rated value  Found  1  29.45 mm Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration ldentification Number (CIN)  1  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Conf	color of the actuating element	clear
outer diameter of the actuating element     29.45 mm       marking of the actuating element     Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN)       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       Display     Plastic       number of LED modules     0       General technical data     Froduct function positive opening     Yes       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	material of the actuating element	plastic
marking of the actuating element  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of contact modules  1  Front ring  product component front ring	shape of the actuating element	round
configurator/Configuration Identification Number (CIN)  number of contact modules  1  Front ring  product component front ring  design of the front ring  material of the front ring  Holder  material of the holder  Plastic  Display  number of LED modules  product function positive opening  product component light source insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  1  Yes  Acidoc  Standard  Metal, high gloss  silver	outer diameter of the actuating element	29.45 mm
product component front ring  design of the front ring  material of the front ring  color of the front ring  Metal, high gloss silver  Holder  material of the holder  Plastic  Display  number of LED modules  o  General technical data  product function positive opening product component light source insulation voltage rated value  degree of pollution type of voltage of the operating voltage surge voltage resistance rated value  6 kV	marking of the actuating element	
product component front ring  design of the front ring  material of the front ring  color of the front ring  material of the front ring  silver  Holder  material of the holder  Plastic  Display  number of LED modules  General technical data  product function positive opening product component light source insulation voltage rated value  degree of pollution  type of voltage of the operating voltage surge voltage resistance rated value  6 kV	number of contact modules	1
design of the front ring  material of the front ring  material of the front ring  material of the front ring  Holder  material of the holder  Plastic  Display  number of LED modules  General technical data  product function positive opening  product component light source  insulation voltage rated value  degree of pollution  type of voltage of the operating voltage surge voltage resistance rated value  6 kV	Front ring	
material of the front ring color of the front ring silver  Holder material of the holder Plastic  Display number of LED modules  General technical data product function positive opening product component light source insulation voltage rated value  degree of pollution type of voltage of the operating voltage surge voltage resistance rated value  6 kV	product component front ring	Yes
color of the front ring  Holder  material of the holder  Plastic  Display  number of LED modules  General technical data  product function positive opening  product component light source insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  6 kV	design of the front ring	Standard
Holder material of the holder  Plastic  Display number of LED modules  General technical data product function positive opening product component light source insulation voltage rated value  degree of pollution type of voltage of the operating voltage surge voltage resistance rated value  6 kV	material of the front ring	Metal, high gloss
material of the holder  Display  number of LED modules  General technical data  product function positive opening  product component light source  insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  Plastic  Plastic  Plastic  Plastic  AC/DC  Surge voltage of LED modules  0  AC/DC	color of the front ring	silver
number of LED modules  General technical data  product function positive opening	Holder	
number of LED modules  General technical data  product function positive opening Yes  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	material of the holder	Plastic
product function positive opening product component light source insulation voltage rated value  type of voltage of the operating voltage surge voltage resistance rated value  Yes No No 1500 V  46gree of pollution 3 type of voltage of the operating voltage AC/DC Surge voltage resistance rated value  6 kV	Display	
product function positive opening product component light source No insulation voltage rated value 500 V  degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value 6 kV	number of LED modules	0
product component light source insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  No  500 V  AC/DC  surge voltage resistance rated value  6 kV		
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	General technical data	
degree of pollution     3       type of voltage of the operating voltage     AC/DC       surge voltage resistance rated value     6 kV		Yes
type of voltage of the operating voltage AC/DC surge voltage resistance rated value 6 kV	product function positive opening	
surge voltage resistance rated value 6 kV	product function positive opening product component light source	No
	product function positive opening product component light source insulation voltage rated value	No 500 V
protection class IP IP66, IP67, IP69(IP69K)	product function positive opening product component light source insulation voltage rated value degree of pollution	No 500 V 3
	product function positive opening product component light source insulation voltage rated value degree of pollution type of voltage of the operating voltage	No 500 V 3 AC/DC
• of the terminal IP20, clamping screw tightened	product function positive opening product component light source insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value	No 500 V 3 AC/DC 6 kV
	product function positive opening product component light source insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value protection class IP	No 500 V 3 AC/DC 6 kV 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	3 600 1/h
mechanical service life (switching cycles) typical	10 000 000
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	
<ul><li>at AC</li><li>— at 50 Hz rated value</li></ul>	5 500 V
<ul><li>— at 60 Hz rated value</li><li>• at DC rated value</li></ul>	5 500 V 5 500 V
	J J00 V
Power Electronics	One well-marking and 400 million (47.) / F m A) and male marking and 40
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	1
number of NO contacts for auxiliary contacts	1
Connections/ Terminals	
type of electrical connection	screw-type terminals
of modules and accessories	Screw-type terminal
type of connectable conductor cross-sections	
<ul> <li>solid with core end processing</li> </ul>	2x (0.5 0.75 mm²)
solid without core end processing	2x (1.0 1.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²)
<ul> <li>finely stranded without core end processing</li> </ul>	2x (1,0 1,5 mm²)
at AWG cables	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	-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%, no condensation in operation permitted for all devices behind front panel)
Installation/ mounting/ dimensions	
fastening method	front plate mounting
of modules and accessories	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	71.7 mm
Certificates/ approvals	
Further information	
Information- and Downloadcenter (Catalogs, Brochures,	)

Information- and Download center (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)
<a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1150-0AB70-1FA0-Z Y19">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1150-0AB70-1FA0-Z Y19</a>

## Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-0AB70-1FA0-Z Y19
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-0AB70-1FA0-Z Y19

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1150-0AB70-1FA0-Z Y19&lang=en

last modified: 1/26/2022 🖸