## **SIEMENS**

## **Data sheet**



Pushbutton, 22 mm, round, metal, shiny, black, pushbutton, flat, momentary contact type, 1 NO, spring-type terminal, with laser labeling, symbol number according to, ISO 7000 or IEC 60417

product type designation design of the product product type designation product type designation 3SU1 Metal, shiny, 22 mm Memetal of the actuating element  Button, flat momentary contact type No Color of the actuating element  product extension optional light source Disable Metal, shiny, 22 mm Metal, shiny, 23 mu Metal, shiny, 22 mm Metal, shiny, 22 mm Metal, shiny, 22 mm Metal, shin	product brand name	SIRIUS ACT	
product type designation product line Metal, shiny, 22 mm  * of supplied contact module at position 1 * of the supplied actuator * of the supplied actuator  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  product extension optional light source color of the actuating element  shape of the actuating element  plastic  shape of the actuating element  number of contact modules  1  **Front ring**  product component front ring design of the front ring  Actuating of the front ring  Metal, high gloss  color of the front ring  Metal, high gloss	product designation	Pushbuttons	
product line manufacturer's article number  of supplied contact module at position 1 of the supplied holder of the supplied actuator substituting the supplied actuator assuration and points  Actuator  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 product extension optional light source actuating element outer diameter of the actuating element product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring Metal, shiny, 22 mm material of the holder Display number of CLED modules  Plastic Display number of LED modules Oceneral technical data product function positive opening No product component light source No occording a silver No	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  sulfacturer's article number of the supplied actuator  sulfacturer's article number of command points  Actuator  design of the actuating element  principle of operation of the actuating element  product extension optional light source  No  color of the actuating element  material of the actuating element  outer diameter of the actuating element  number of contact modules  1  Front ring  product component front ring  design of the front ring  material of the front ring  material of the front ring  material of the contact modules  1  Front ring  product component front ring  material of the contact modules  O  General technical data  product component light source  No  insulation voltage rated value  degree of pollution  1  Surve  1  Ple6i, IP67, IP69(IP69K)  of the terminal	product type designation	3SU1	
of supplied contact module at position 1     of the supplied holder     of the supplied actuator     assure 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 asbu1050-0AB10-0AA0  • of the supplied actuator number of command points  Actuator  design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element black material of the actuating element shape of the actuating element outer diameter of the actuating element couter diameter of the actuating element marking of the actuating element customized labeling, graphical symbols acc. to ISO7000 and IEC60417 number of contact modules ↑ Front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring Holder material of the holder Display number of LED modules  ○ General technical data product component light source insulation voltage rated value degree of pollution  1 ye of voltage of the operating voltage surge voltage resistance rated value of the terminal  ■ Pie66, IP67, IP69(IP69K) ■ Pie20  ■ Pie96, IP67, IP69(IP69K) ■ Pie96 of the terminal	manufacturer's article number		
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 product extension optional light source color of the actuating element passic shape of the actuating element outer diameter of the actuating element product extension optional light source shape of the actuating element outer diameter of the Synonymbols acc. to ISO7000 and IEC60417 outer diameter of the Synonymbols acc. to ISO7000 and IEC60417 outer diameter of the Synonymbols acc. to ISO7000 and IEC60417 outer diameter of the Synonymbols acc. to ISO7000 and IEC60417 outer diameter of the Synonymbols acc. to ISO7000 and IEC60417 outer diameter of the Synonymbols acc. to ISO7000 and IEC60417 outer diameter of the Synonymbols acc. to ISO7000 and IEC60417 outer diameter of the Synonymbols acc. to ISO7000 and IEC60417 outer diameter of the Synonymbols acc. to ISO7000 and IEC60417 outer diameter of the Synonymbols acc. to ISO7000 and IEC60417 outer diameter of the Synonymbols acc. to ISO7000 and IEC60417 outer diameter of the Actuating lement outer diameter of the Synonymbols acc. to ISO7000 and	<ul> <li>of supplied contact module at position 1</li> </ul>	3SU1400-1AA10-3BA0	
number of command points  Actuator  design of the actuating element principle of operation of the actuating element momentary contact type  product extension optional light source No color of the actuating element black material of the actuating element round outer diameter of the actuating element Customized labeling, graphical symbols acc. to ISO7000 and IEC60417 number of contact modules  Front ring product component front ring Standard material of the front ring Silver  Holder material of the holder Plastic  Display number of LED modules  General technical data product component light source No insulation voltage rated value Surge of the protection of the protectio	<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0	
design of the actuating element principle of operation of the actuating element momentary contact type product extension optional light source No color of the actuating element black material of the actuating element plastic shape of the actuating element couter diameter of the actuating element arking of the actuating element couter diameter of the actuating element Customized labeling, graphical symbols acc. to ISO7000 and IEC60417 number of contact modules 1  Front ring Product component front ring Standard activation 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 type of voltage of the operating voltage AC/DC surge voltage of the operating voltage Ple66, IP67, IP69(IP69K)  • of the terminal IP20	of the supplied actuator	3SU1050-0AB10-0AA0	
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 outer diameter of the actuating element arking of the actuating element outer diameter of the customic space to labeling, graphical symbols acc. to ISO7000 and IEC60417 outer diameter of the Customic symbols acc. to ISO7000 and IEC60417 outer diameter of the Actuating element outer diameter of the actuating element outer diameter of the Customic symbols acc. to ISO7000 and IEC60417 outer diameter of the Customic symbols acc. to ISO7000 and IEC60417 outer diameter of the Customic symbols acc. to ISO7000 and IEC60417 outer diameter of the Customic symbols acc. to ISO7000 and IEC60417 outer diameter of the Customic symbols acc. to ISO7000 and IEC60417 outer diameter of the Customic symbols acc. to ISO7000 and IEC60417 outer diameter of the Customic symbols acc. to ISO7000 and IEC60417 outer diameter of the Customic symbols acc. to ISO7000 and IEC60417 outer diameter of the Customic symbols acc. to ISO7000 and IEC60417 outer diameter of the Customic symbols acc. to ISO7000 and IEC60417 outer diameter of the Customic symbols acc. to ISO7000 and IEC60417 outer diameter of the Customic symbo	number of command points	1	
principle of operation of the actuating element product extension optional light source color of the actuating element black material of the actuating element shape of the actuating element outer diameter of the actuating element customized labeling, graphical symbols acc. to ISO7000 and IEC60417 number of contact modules 1  Pront ring product component front ring design of the front ring material 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 type of voltage of the operating voltage suffection and source of the terminal  momentary contact type No No No No No No No Plastic Display No No Insulation voltage rated value AC/DC surge voltage resistance rated value of the terminal  product canson of the proacting voltage Surge voltage resistance rated value Fee, IP66, IP67, IP69(IP69K) IP20	Actuator		
product extension optional light source  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  marking of the actuating element  customized labeling, graphical symbols acc. to ISO7000 and IEC60417  number of contact modules  1  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 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  of the terminal  Ple6, IP67, IP69(IP69K)  IP20	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 number of contact modules  Front ring product component front ring design of the front ring material 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 type of voltage of the operating voltage surge voltage resistance rated value out to under the terminal  black plastic plastic plastic plastic plastic plastic plastic product function positive opening No product component light source insulation voltage rated value 6 kV protection class IP of the terminal  black plastic p	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 customized labeling, graphical symbols acc. to ISO7000 and IEC60417 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  The material of the holder  Display number of LED modules  General technical data product component light source insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value out the fire of the feel of the feel of the terminal  plastic  plastic  Display No product component light source insulation voltage rated value for Voltage of the operating voltage for Voltage resistance rated value for KV protection class IP for No insulation voltage resistance rated value for Voltage of the terminal for No insulation voltage resistance rated value for Voltage resistance rated value for Voltage resistance rated value for the terminal for No product component light source for No for the terminal for No fo	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  Metal, high gloss color of the front ring 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  type of voltage of the operating voltage surge voltage resistance rated value  outer the actuating element 29.45 mm customized labeling, graphical symbols acc. to ISO7000 and IEC60417  1  Pes  Standard Metal, high gloss silver  Holder  Plastic  Display  number of LED modules  0  General technical data product function positive opening No insulation voltage rated value 500 V  degree of pollution 4 C/DC  surge voltage resistance rated value 6 kV protection class IP Food in the terminal Front ring Yes  Customized labeling, graphical symbols acc. to ISO7000 and IEC60417  Nest on ISO7000 and ISO7000 and IEC60417  Nest on ISO7000 and ISO7000 and ISO7000 and IEC60417  Nest on ISO7000 and I	color of the actuating element	black	
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  Metal, high gloss color of the front ring material of the holder  Plastic  Display number of LED modules  General technical data product component light source insulation voltage rated value  4 degree of pollution type of voltage of the operating voltage surge voltage resistance rated value  • of the terminal  29.45 mm Customized labeling, graphical symbols acc. to ISO7000 and IEC60417  1	material of the actuating element	plastic	
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 front ring material of the holder  Metal, high gloss color of the front ring material of the holder  Plastic  Display  number of LED modules  General technical data product component light source insulation voltage rated value  degree of pollution surge voltage resistance rated value  for the terminal  Customized labeling, graphical symbols acc. to ISO7000 and IEC60417  1  Nessel 1  Nessel 2  Nessel 3  No	shape of the actuating element	round	
number of contact modules  Front ring  product component front ring  design of the front ring  material of the front ring  Metal, high gloss  color of the front ring  material of the holder  Plastic  Display  number of LED modules  General technical data  product component light source insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  of the terminal  1  Yes  Nes  Standard  Metal, high gloss  S	outer diameter of the actuating element	29.45 mm	
Front ring product component front ring design of the front ring material of the front ring Color of the front ring Metal, high gloss 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 3 type of voltage of the operating voltage surge voltage resistance rated value  of the terminal  Yes  Yes  Yes  Neath and and and  Plastic  Display  No  No  No  Seneral technical data  product component light source No  insulation voltage rated value 500 ∨  degree of pollution 3  type of voltage of the operating voltage  Surge voltage resistance rated value Frotection class IP of the terminal  IP20	marking of the actuating element	Customized labeling, graphical symbols acc. to ISO7000 and IEC60417	
product component front ring design of the front ring Metal, high gloss 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 surge voltage resistance rated value of the terminal  Yes Standard Metal, high gloss Silver Plastic  Display  No  Solved  General technical data  product function positive opening No No insulation voltage rated value Solve Solve Solve Solve Solve Solve Solve Solve Standard Metal, high gloss Standard Netal, high gloss Standard No Standard Metal, high gloss Standard Netal, high gloss Standard Netal, high gloss Standard No Standard Metal, high gloss Standard Metal, high gloss Standard No Sta	number of contact modules	1	
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 protection class IP of the terminal  Standard Metal, high gloss Metal, high gloss silver  Metal, high gloss silver  Netal, high gloss silver  No  0  Cancel C	Front ring		
material of the front ring color of the front ring silver  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 type of voltage of the operating voltage surge voltage resistance rated value  protection class IP of the terminal  Metal, high gloss silver  Metal, high gloss silver  Plastic  0  0  Concat	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  protection class IP  of the terminal  Silver  Plastic  No  So  C  C  C  C  C  C  C  C  C  C  C  C  C	design of the front ring	Standard	
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	material of the front ring	Metal, high gloss	
Display       Plastic         number of LED modules       0         General technical data       No         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	color of the front ring	silver	
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	Holder		
number of LED modules  General technical data  product function positive opening     No  product component light source     No  insulation voltage rated value  degree of pollution     3  type of voltage of the operating voltage  surge voltage resistance rated value  protection class IP     of the terminal  o  o  o  o  o  o  o  o  o  o  o  o  o	material of the holder	Plastic	
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	Display		
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  of the terminal  No  No  No  AC/DC  Surge voltage rated value  6 kV  Protection class IP  IP66, IP67, IP69(IP69K)  IP20	number of LED modules	0	
product component light source insulation voltage rated value  500 V  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  protection class IP  of the terminal  No  800  AC/DC  6 kV  IP66, IP67, IP69(IP69K)  IP20	General technical data		
insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  protection class IP  of the terminal  of the terminal  of the terminal  of the voltage rated value  protection class IP  IP66, IP67, IP69(IP69K)  IP20	product function positive opening	No	
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	product component light source	No	
type of voltage of the operating voltage  surge voltage resistance rated value  protection class IP  of the terminal  AC/DC  6 kV  IP66, IP67, IP69(IP69K)  IP20	insulation voltage rated value	500 V	
surge voltage resistance rated value  protection class IP  of the terminal  6 kV  IP66, IP67, IP69(IP69K)  IP20	degree of pollution	3	
protection class IP IP66, IP67, IP69(IP69K)  ● of the terminal IP20	type of voltage of the operating voltage	AC/DC	
• of the terminal IP20	surge voltage resistance rated value	6 kV	
	protection class IP	IP66, IP67, IP69(IP69K)	
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	of the terminal	IP20	
	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	

shock resistance	
<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
vibration resistance	
<ul><li>according to IEC 60068-2-6</li></ul>	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	
• 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	
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10
contact renability	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	spring-loaded terminals
of modules and accessories	Spring-type terminal
type of connectable conductor cross-sections	opining type terminal
solid without core end processing	2x (0.25 1.5 mm²)
finely stranded with core end processing	2x (0.25 0.75 mm²)
finely stranded with core end processing     finely stranded without core end processing	2x (0.25 1.5 mm²)
at AWG cables	2x (24 16)
tightening torque of the screws in the bracket	1 1.2 N·m
Ambient conditions	1 1.2 (VIII
ambient temperature	
during operation	-25 +70 °C
5 ,	-40 +80 °C
during storage     environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
60721	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	49.7 mm
Certificates/ approvals	
Further information Information- and Downloadcenter (Catalogs, Brochures,	
Information- and Downloadcenter (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=3SU1150-0AB10-3BA0-Z Y13">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1150-0AB10-3BA0-Z Y13</a>

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-0AB10-3BA0-Z Y13

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-0AB10-3BA0-Z Y13

p://www.automation.siemens.com/bildd	imension drawings, 3D models, device ci b/cax_de.aspx?mlfb=3SU1150-0AB10-3BA0	0-Z Y13⟨=en
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