## **SIEMENS**

## **Data sheet**



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

product designation design of the product product type designation 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 product damater of the actuating element product extension optional light source color of the actuating element product extension optional light source color of the actuating element product extension optional light source color of the actuating element plastic shape of the actuating element product diameter of the actuating element product diameter of the actuating element product diameter of the actuating element product owner diameter of the actuating element pouter diameter of the actuating element product owner diameter of the actuating element product owner diameter of the actuating element product owner diameter of the actuating element product fire actuating element product owner of the actuating element product owner of the actuating element product component front ring product component front ring Metal, high gloss silver  Holdor material of the holder Plastic  Plastic  Plastic  General technical data product function positive opening product component light source insulation voltage rated value  500 V degree of pollution type of voltage of the operating voltage product gordous of the operating voltage of the operating voltage of the operating voltage of soltage surge voltage resistance rated value  6 kV	product brand name	SIRIUS ACT
product type designation product line manufacturer's article number of supplied contact module at position 1 of the supplied holder of the supplied actuator of the supplied actuator substitution of the supplied actuator assuration of command points 1  Actuator  design of the actuating element principle of operation 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 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 material of the front ring Metal, high gloss color of the front ring material of the holder Plastic  Display number of LED modules O General technical data product component light source No insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage AC/DC	product designation	Pushbuttons
product line manufacturer's article number  • of supplied contact module at position 1 • of the supplied holder • of the supplied actuator • 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 No color of the actuating element material of the actuating element park of the actuating element marking of the actuating element custer diameter of the actuating element marking of the actuating element custer diameter of the actuating element product component front ring design of the front ring material of the holder  Plastic  Display number of LED modules  O  General technical data product component light source No insulation voltage rated value element No	design of the product	Complete unit
manufacturer's article number  • of supplied contact module at position 1  • of the supplied contact module at position 1  • of the supplied actuator  • of the supplied actuator  assu1550-0AA10-0AA0  sul1550-0BB10-0AA0  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  material 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  material 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  0  General technical data  product component light source  No  No  insulation voltage rated value  degree of pollution  3  type of voltage of the operating voltage  AC/DC	product type designation	3SU1
of supplied contact module at position 1     of the supplied holder     of the supplied actuator     of the supplied actuator     asuloso-obbit on a subject of the supplied actuator     number of command points     Actuator  design of the actuating element	product line	Metal, shiny, 22 mm
of the supplied actuator     of the supplied actuator     asut 1550-0AA10-0AA0     number of command points      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     marking 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 holder  Display     number of LED modules  O  General technical data     product component light source     insulation voltage rated value     dedgree of pollution     3     type of voltage of the operating voltage  AC/DC  Actuation     3     SU1550-0AA10-0AA0     3     SU1050-0B810-0AA0     3     SU1050-0B810-0AA0     3     SU1050-0B810-0AA0     3     SU1050-0B810-0AA0     3     SU1050-0B810-0AA0     subject-0AA0     subject-0AA	manufacturer's article number	
of the supplied actuator     number of command points     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     shape of the actuating element     outer diameter of the actuating element     product component front ring     design of the front ring     material of the front ring     material of the holder     plastic  Plastic  Plastic  Plastic  General technical data     product function positive opening     product own poening insulations of the operating voltage  degree of pollution     degree of pollution     design of the operating voltage  AC/DC  Button, raised  Button, raised  momentary contact type  No  product diameter of the actuating element     plastic  Plastic  Plastic  Plastic  Plastic  Plastic  Plastic	<ul> <li>of supplied contact module at position 1</li> </ul>	3SU1400-1AA10-1BA0
Actuator	<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0
Actuator   Button, raised   principle of operation of the actuating element   momentary contact type   product extension optional light source   No   No   Color of the actuating element   black   material of the actuating element   plastic   shape of the actuating element   customized labeling, graphical symbols acc. to ISO7000 and IEC60417   number of contact modules   1   Front ring   Yes   design of the front ring   Metal, high gloss   color of the front ring   material of the holder   Plastic   Plastic   Display   number of LED modules   0   General technical data   product component light source   No   number of contact modules   0   General technical data   product component light source   No   number of LED modules   Sou V   degree of pollution   3   type of voltage of the operating voltage   AC/DC   Accuracy   Accuracy   AC/DC   Accuracy   Accuracy   AC/DC   Accuracy   Accuracy   AC/DC   Accuracy   A	of the supplied actuator	3SU1050-0BB10-0AA0
design of the actuating element         Button, raised           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         29.45 mm           outer diameter of the actuating element         Customized labeling, graphical symbols acc. to ISO7000 and IEC60417           number of contact modules         1           Front ring         Yes           design of the front ring         Yes           design of the front ring         Metal, high gloss           color of the front ring         Metal, high gloss           color of the front ring         silver           Holder         Plastic           Display         number of LED modules         0           General technical data         No           product component light source         No         No           insulation voltage rated value         500 V         4           degree of pollution         3         4C/DC	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 couter 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 color of the front ring material of the front ring material of the holder  Metal, high gloss color of the front plastic  Display number of LED modules 0  General technical data product component light source insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage AC/DC	Actuator	
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 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 material 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 degree of pollution type of voltage of the operating voltage  No	design of the actuating element	Button, raised
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 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 material 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  500 V degree of pollution type of voltage of the operating voltage  AC/IDC	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 parking of the actuating element outer diameter 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  Tront ring 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 type of voltage of the operating voltage  AC/DC	product extension optional light source	No
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  Front ring product component front ring design of the front ring material of the front ring Standard 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 function positive opening product component light source insulation voltage rated value  500 V  degree of pollution type of voltage of the operating voltage  29.45 mm 29.4	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 Holder 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  Customized labeling, graphical symbols acc. to ISO7000 and IEC60417  Customized labeling, graphical symbols acc. to ISO7000 and IEC60417  Les of ISO7000 and IEC60417	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  Holder  material of the 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  1  Yes  Aturized labeling, graphical symbols acc. to ISO7000 and IEC60417  1  Customized labeling, graphical symbols acc. to ISO7000 and IEC60417  1  1  1  1  1  1  1  1  1  1  1  1	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  Color of the front ring  Holder  material of the holder  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  Yes  Adadas  Hetal, high gloss silver  Metal, high gloss silver  Metal, high gloss silver  Metal, high gloss silver  Metal, high gloss silver  Motal, high gloss silver  Motal of the holder  Plastic  No  No  Solution  No  AC/DC	outer diameter of the actuating element	29.45 mm
product component front ring 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  type of voltage of the operating voltage  Yes  Standard  Netal, high gloss silver  Plastic  Display  No  No  Source No  No  Source No  Source No  AC/DC	marking of the actuating element	Customized labeling, graphical symbols acc. to ISO7000 and IEC60417
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  Plastic  Display  number of LED modules  General technical data  product function positive opening  product component light source  insulation voltage rated value  degree of pollution  stype of voltage of the operating voltage  Yes  Standard  Metal, high gloss  Standard  Metal, high gloss  Silver  Plastic  O  O  O  O  O  O  O  O  O  O  O  O  O	number of contact modules	1
design of the front ring  material 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  type of voltage of the operating voltage  Standard  Metal, high gloss  Silver  Plastic  O  No  O  O  Ac/DC	Front ring	
material of the front ring  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  Metal, high gloss silver  Metal, high gloss silver   Mo  No  Plastic   No  No  Source No  No  Ac/DC	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  silver  Plastic  No  0  Component  No  No  No  AC/DC	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  Plastic  No  AC/DC	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  Plastic  No  AC/DC	color of the front ring	silver
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  0  No  No  No  AC/DC	Holder	
number of LED modules  General technical data  product function positive opening     No  product component light source     insulation voltage rated value  degree of pollution     3  type of voltage of the operating voltage	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	Display	
product function positive opening Product component light source Insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  No  No  Source No  AC/DC	number of LED modules	0
product component light source insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  No  500 V  AC/DC	General technical data	
insulation voltage rated value 500 V  degree of pollution 3  type of voltage of the operating voltage AC/DC	product function positive opening	No
degree of pollution     3       type of voltage of the operating voltage     AC/DC	product component light source	No
type of voltage of the operating voltage AC/DC	insulation voltage rated value	500 V
<u>,,                                     </u>	degree of pollution	3
surge voltage resistance rated value 6 kV	type of voltage of the operating voltage	AC/DC
	surge voltage resistance rated value	6 kV
protection class IP IP66, IP67, IP69(IP69K)	protection class IP	IDEC IDET IDEC(IDEC)
• of the terminal IP20	•	1600, 1607, 1609(1609K)
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	of the terminal	·

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	
• 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 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	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)
<ul> <li>solid without core end processing</li> </ul>	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	
<ul><li>during operation</li></ul>	-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	16.2 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	

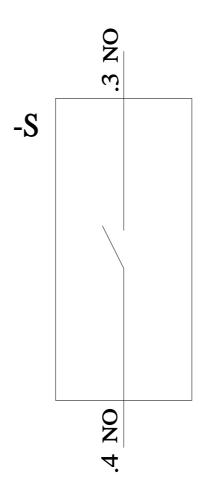
https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1150-0BB10-1BA0-Z Y13

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-0BB10-1BA0-Z Y13



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