## **SIEMENS**

## **Data sheet**



Selector switch, illuminable, 22 mm, round, metal, shiny, white, selector switch, short, 3 switch positions I-O-II, latching, actuating angle  $2x45^{\circ}$ , 10:30h/12h/13:30h, with holder, 1 NO, 1 NO, screw terminal, Z=20-unit packaging

product designation 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 • of supplied contact module at position 2 • of the supplied actuator • of the supplied actuator 3SU1400-1AA10-1BA0 3SU1550-0AA10 • of the supplied actuator 3SU1550-0AA10-0AA0  Enclosure number of command points 1 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 shape of the actuating element pastic shape of the actuating element number of contact modules 2 number of contact modules 2 number of extension positions 3 actuating angle • clockwise • anticlockwise  • anticlockwise  • anticlockwise  • for tring product component front ring design of the front ring slandard material of the front ring slandard material of the front ring slandard material of the front ring Metal, high gloss color of the front ring material of the holder  Plastic  Selector, swhort Selector, short principle of operation of the actuating element latching, 2x45° (10:30 h/12 h/13:30 h) latching, 2x45° (10:30 h/12	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm manufacturer's article number  • of supplied contact module at position 1 • of supplied contact module at position 2 • of the supplied holder • of the supplied actuator  Enclosure  number of command points  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 white material of the actuating element outer diameter of the actuating element outer diameter of the actuating element shape of the actuating element outer diameter of the actuating element actuating angle • clockwise • anticlockwise • anticlockwise • anticlockwise • anticlockwise • anticlockwise • anticlockwise  color of the front ring material of the front ring silver  Metal, shiny, 22 mm Metal, shiny, 22 mm  Metal, shiny, 22 mm  Metal, shiny, 22 mm  Metal, shiny, 22 mm  Metal, shiny, 22 mm  Metal, shiny, 22 mm  Metal, ship, 22 mm  Metal, ship, 22 mm  Metal, ship, 22 mm  Metal, silpho-1AA10-1BA0  3su1150-0AA10-1BA0 3su1150-0AA10-1BA0 3su1150-0AA10 4su1150-0AA10 4su1150-0AA	product designation	Selector switches
product line manufacturer's article number  of supplied contact module at position 1  of supplied contact module at position 2  substance of the supplied contact module at position 2  of the supplied contact module at position 2  of the supplied contact module at position 2  substance of the supplied actuator  assultation assult	design of the product	Complete unit
manufacturer's article number  of supplied contact module at position 1  of supplied contact module at position 2  of the supplied holder  of the supplied holder  of the supplied actuator  Enclosure  number of command points  1  Actuator  design of the actuating element  principle of operation of the actuating element  product extension optional light source  shape of the actuating element  material of the actuating element  number of contact modules  shape of the actuating element  number of supplied element  shape of the actuating element  number of supplied element  number of contact modules  2  number of switching positions  actuating angle  olockwise  actuating angle  olockwise  45°  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  Metal, high gloss  color of the front ring  material of the holder  Plastic  Display  number of LED modules  0  General technical data  product component light source  No	product type designation	3SU1
of supplied contact module at position 1     of supplied contact module at position 2     of the supplied holder     of the supplied holder     of the supplied actuator     of the supplied actuator     of the supplied actuator     of the supplied actuator  Indicator  In	product line	Metal, shiny, 22 mm
of supplied contact module at position 2     of the supplied holder     of the supplied actuator      inclosure  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     outer diameter of the	manufacturer's article number	
of the supplied holder     of the supplied actuator      Sulose-2BL60-0AA0  Enclosure     number of command points     1  Actuator  design of the actuating element	<ul> <li>of supplied contact module at position 1</li> </ul>	3SU1400-1AA10-1BA0
of the supplied actuator	<ul> <li>of supplied contact module at position 2</li> </ul>	3SU1400-1AA10-1BA0
Enclosure  number of command points  Actuator  design of the actuating element	<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0
number of command points 1  Actuator  design of the actuating element   Selector, short   principle of operation of the actuating element   latching, 2x45° (10:30 h/12 h/13:30 h)   product extension optional light source   Yes   color of the actuating element   white   material of the actuating element   plastic   shape of the actuating element   round   outer diameter of the actuating element   32:3 mm   number of contact modules   2   number of switching positions   3   actuating angle   • clockwise   45°   • anticlockwise   45°   Front ring   product component 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 component light source   No	<ul> <li>of the supplied actuator</li> </ul>	3SU1052-2BL60-0AA0
Actuator   design of the actuating element   Selector, short   principle of operation of the actuating element   latching, 2x45° (10:30 h/12 h/13:30 h)   product extension optional light source   Yes   color of the actuating element   white   material of the actuating element   plastic   shape of the actuating element   round   outer diameter of the actuating element   32.3 mm   number of contact modules   2   number of switching positions   3   actuating angle   e   clockwise   45°   45°   e   anticlockwise   45°   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 component light source   No	Enclosure	
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 number of contact modules e clockwise e anticlockwise front ring product component front ring material of the fnont ring material of the holder  Display number of LED modules  General technical data product component light source  Yes Ves (10:30 h/12 h/13:30 h) pyes (10:30 h/12 h/13:30 h/13 pyes (10:30 h/13:30 h/13 pyes (10:30 h/13:30 h/13 pyes (10:30 h/1	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 number of contact modules e clockwise e anticlockwise front ring product component front ring material of the front ring material of the holder material of the holder Display number of LED modules  0 General technical data product component light source  Yes white white white heatta white plastic  Yes standard heatta light source No No No	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  number of contact modules  actuating angle  clockwise  shape of twe actuating element  outer diameter of the actuating element  32.3 mm  number of switching positions  actuating angle  clockwise  45°  anticlockwise  45°  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  No	design of the actuating element	Selector, short
color of the actuating element plastic material of the actuating element round outer diameter of the actuating element 32.3 mm number of contact modules 2 number of switching positions 3 actuating angle  • clockwise 45° • anticlockwise 45°  Front ring product component front ring standard material of the front ring silver  Holder material of the holder Plastic  Display number of LED modules 0 General technical data product component light source No	principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)
material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element 32.3 mm number of contact modules 2 number of switching positions 3 actuating angle • clockwise 45° • anticlockwise 45° Front ring product component front ring 45e 45° design of the front ring 55e 45° material of the front ring 65e 56e 56e 56e 56e 56e 56e 56e 56e 56e	product extension optional light source	Yes
shape of the actuating element outer diameter of the actuating element number of contact modules number of switching positions actuating angle eclockwise anticlockwise 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 product component light source  round  round  32.3 mm  45°  45°  45°  45°  45°  45°  45°  4	color of the actuating element	white
outer diameter of the actuating element number of contact modules 2 number of switching positions 3 actuating angle • clockwise • anticlockwise  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 No	material of the actuating element	plastic
number of contact modules  number of switching positions  actuating angle  clockwise  anticlockwise  anticlockwise  anticlockwise  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  material of the holder  plastic  Display  number of LED modules  product function positive opening  product component light source  2  Absolute  45°  Yes  45°  Wes  45	shape of the actuating element	round
number of switching positions  actuating angle  clockwise 45° anticlockwise 45°  front ring  product component front ring design of the front ring material of the front ring  material of the holder  material of the holder  Plastic  Display  number of LED modules  General technical data product component light source  No	outer diameter of the actuating element	32.3 mm
actuating angle  • clockwise  • anticlockwise  45°  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  Plastic  Display  number of LED modules  General technical data  product function positive opening  product component light source  No	number of contact modules	2
<ul> <li>clockwise</li> <li>anticlockwise</li> <li>45°</li> <li>Front ring</li> <li>product component front ring</li> <li>design of the front ring</li> <li>material of the front ring</li> <li>color of the front ring</li> <li>miterial of the holder</li> <li>Holder</li> <li>material of the holder</li> <li>Plastic</li> <li>Display</li> <li>number of LED modules</li> <li>General technical data</li> <li>product function positive opening</li> <li>No</li> <li>product component light source</li> </ul>	number of switching positions	3
anticlockwise  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  Plastic  Display  number of LED modules  General technical data  product component light source  No	actuating angle	
Front ring product component front ring design of the front ring 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  General technical data product function positive opening product component light source No	• clockwise	45°
product component front ring  design of the front ring  material of the front ring  Color of the front ring  Holder  material of the holder  Plastic  Display  number of LED modules  product function positive opening  product component light source  Yes  Metal, high gloss  silver  Plastic  O  General technical data  Product component light source  No	<ul><li>anticlockwise</li></ul>	45°
design of the front ring     standard       material of the front ring     Metal, high gloss       color of the front ring     silver       Holder     Plastic       Display     0       number of LED modules     0       General technical data     No       product function positive opening     No       product component light source     No	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  Metal, high gloss  Silver  Display  No  No	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  silver  Plastic  0  0  No	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  No	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  Plastic  No	color of the front ring	silver
number of LED modules  General technical data  product function positive opening product component light source  No	Holder	
number of LED modules  General technical data  product function positive opening product component light source  No	material of the holder	Plastic
General technical data  product function positive opening No product component light source No	Display	
product function positive opening No product component light source No	number of LED modules	0
product component light source No	General technical data	
	product function positive opening	No
	product component light source	No
insulation voltage rated value 500 V	insulation voltage rated value	500 V
degree of pollution 3	degree of pollution	3

tune of voltage of the anaroting valle :-	ACIDO
type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value	6 kV
protection class IP  • of the terminal	IP66, IP67, IP69(IP69K) IP20
	1, 2, 3, 3R, 4, 4X, 12, 13
degree of protection NEMA rating shock resistance	1, Z, J, JN, 4, 4A, 1Z, 1J
according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
vibration resistance	Sinusonal Hall-wave Tog / 11 IIIs
according to IEC 60068-2-6	10 500 Hz: 5g
operating frequency maximum	1 800 1/h
mechanical service life (switching cycles) typical	1 000 000
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	2
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
Safety related data	
B10 value with high demand rate according to SN 31920	300 000
proportion of dangerous failures	
with low demand rate according to SN 31920	20 %
<ul> <li>with high demand rate according to SN 31920</li> </ul>	20 %
failure rate [FIT] with low demand rate according to SN	100 FIT
31920	
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	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	5
of modules and accessories	Front plate mounting
height	40 mm
width	32.3 mm
shape of the installation opening	round

22.3 mm	
0.4 mm	
28.8 mm	
32.3 mm	
49.7 mm	
Certificates/ approvals	

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=3SU1150-2BL60-1NA0-Z X90

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-2BL60-1NA0-Z X90

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-2BL60-1NA0-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=3SU1150-2BL60-1NA0-Z X90&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1150-2BL60-1NA0-Z X90&lang=en</a>

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