## **SIEMENS**

## **Data sheet**



RONIS key-operated switch, 22 mm, round, metal, shiny, lock number SB30, with 2 keys, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal O+I, with holder, 1 NO, screw terminal, possible special locks: SB31, 421, 455, upper case

product designation  design of the product  product type designation  manufacturer's article number  of included key  of supplied contact module  of supplied contact module at position 1  of the supplied contact module at position 1  of the supplied actuator  shape of the enclosure front number of command points  actuating element  material of the actuating element material of the actuating element marking of the actuating element mumber of contact modules  shape of the actuating element material of the actuating element marking of the actuating element mumber of contact modules  1  Any inscription, text in upper case number of switching positions  2  switch position for key distraction  O+1  actuating angle occolories  of the actuating element number of switching positions  2  color by the actuating element marking of the actuating element number of contact modules 1  Any inscription, text in upper case number of switching positions 2  switch position for key distraction O+1  actuating angle occolory of the actuating element actuating angle occolory occolory  occolory  colory
product type designation product line manufacturer's article number  • of included key • of supplied contact module • of supplied contact module at position 1 • of the supplied contact module at position 1 • of the supplied actuator • of the supplied actuator  Enclosure shape of the enclosure front number of command points  Actuator  principle of operation of the actuating element product extension optional light source color of the actuating element shape of the actuating element Actuator  Principle of operation of the actuating element silver material of the actuating element shape of the actuating element Actuating element Actuating element Actuating element Actuating element Any inscription, text in upper case number of contact modules 1 number of switching positions 2 switch position for key distraction O+  actuating angle e clockwise
product line  manufacturer's article number  of included key of supplied contact module of supplied contact module at position 1 of the supplied holder of the supplied actuator asul155-0AA10-1BA0 supplied actuator of the supplied actuator asul155-0AA10-0AA0 supplied actuator asul155-0AA10-1BA0 asul450-1AA0 supplied actuating element latching, 90° (10:30 h/13:30 h) no normalist of operation of the actuating element asul155-0AA10-1BA0 asul450-1AA0-1BA0 asul450-1AA
manufacturer's article number  of included key of supplied contact module of supplied contact module at position 1 of the supplied actuator of the supplied actuator  Enclosure shape of the enclosure front number of command points  1  Actuator  principle of operation of the actuating element product extension optional light source color of the actuating element silver material of the actuating element shape of the actuating element shape of the actuating element waterial of the actuating element shape of the actuating element shape of the actuating element anarking of the actuating element marking of the actuating element anarking of the actuating element number of contact modules 1 number of switching positions 2 switch position for key distraction actuating angle oclockwise
of included key     of supplied contact module     of supplied contact module at position 1     of the supplied holder     of the supplied holder     of the supplied actuator     of the supplied actuator      inclosure     shape of the enclosure front     number of command points     principle of operation of the actuating element     principle of operation of the actuating element     material of the actuating element     shape of the actuating element     material of the actuating element     shape of some actuating element     shape of some actuating element     anumber of sontact modules     number of switching positions     2     switch position for key distraction     actuating angle     clockwise
of supplied contact module     of supplied contact module at position 1     of the supplied holder     of the supplied actuator     of the supplied actuator     of the supplied actuator     of the supplied actuator      shape of the enclosure front     number of command points     older 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     marking of the actuating element     anumber of contact modules     number of switching positions     switch position for key distraction     actuating angle     clockwise
of supplied contact module at position 1     of the supplied holder     of the supplied actuator     of the supplied actuator     of the supplied actuator     of the supplied actuator      shape of the enclosure front     number of command points  Actuator  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     shape of the actuating element     marking of the actuating element     marking of the actuating element     marking of the actuating element     mumber of contact modules     number of switching positions     2     switch position for key distraction     oclor discontact modules     och actuating angle     oclockwise      och supplied contact modules     och supplied actuation and supplied actuating allement     och supplied actuating actuation assumation and supplied actuating angle     och supplied actuation and supplied actuating actuating actuating angle     och supplied actuation assumation assumation assumation assumation assumation actuation a
of the supplied holder     of the supplied actuator     3SU1550-0AA10-0AA0     3SU1050-4BF11-0AA0  Enclosure  shape of the enclosure front number of command points  Actuator  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 shape of the actuating element warking of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in upper case number of contact modules number of switching positions switch position for key distraction actuating angle clockwise    SU1550-0AA10-0AA0 3SU1050-4BF11-0AA0  Inund I
of the supplied actuator
shape of the enclosure front number of command points  Actuator  principle of operation of the actuating element product extension optional light source color of the actuating element silver material of the actuating element shape of the actuating element shape of the actuating element warking of the actuating element marking of the actuating element Any inscription, text in upper case number of contact modules number of switching positions switch position for key distraction actuating angle clockwise  element  over (10:30 h/13:30 h) No
shape of the enclosure front number of command points  Actuator  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 shape of the actuating element warking of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in upper case number of switching positions switch position for key distraction actuating angle clockwise  outer diameter of the actuating element Any inscription of text in upper case O+I  actuating angle clockwise
number of command points  Actuator  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 shape of the actuating element wetal shape of the actuating element shape of the actuating element yetal shape of the actuating element Any inscription, text in upper case number of contact modules number of switching positions switch position for key distraction actuating angle clockwise  90°
principle of operation of the actuating element   latching, 90° (10:30 h/13:30 h)   product extension optional light source   No   color of the actuating element   silver   material of the actuating element   Metal   shape of the actuating element   Key   outer diameter of the actuating element   29.5 mm   marking of the actuating element   Any inscription, text in upper case   number of contact modules   1   number of switching positions   2   switch position for key distraction   O+1   actuating angle   • clockwise   90°
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 wetal shape of the actuating element shape of the actuating element couter diameter of the actuating element marking of the actuating element marking of the actuating element number of contact modules number of switching positions switch position for key distraction actuating angle oclockwise  latching, 90° (10:30 h/13:30 h) No
product extension optional light source  color of the actuating element  material of the actuating element  shape of the actuating element  couter diameter of the actuating element  marking of the actuating element  marking of the actuating element  marking of the actuating element  number of contact modules  number of switching positions  switch position for key distraction  actuating angle  clockwise  No  No  No  Silver  metal  Key  29.5 mm  Any inscription, text in upper case  1  O+I
color of the actuating element material of the actuating element shape of the actuating element wetal  Shape of the actuating element cuter diameter of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in upper case number of contact modules number of switching positions switch position for key distraction actuating angle oclockwise  element OH  Any inscription, text in upper case  1  OH  OH  OH  OH
material of the actuating element shape of the actuating element cuter diameter of the actuating element marking of the actuating element number of contact modules number of switching positions switch position for key distraction actuating angle o clockwise  metal Key  Any inscription, text in upper case  1  O+I  O+I  O+I  O+I  O+I  O+I  O+I
shape of the actuating element  outer diameter of the actuating element  marking of the actuating element  number of contact modules  number of switching positions  switch position for key distraction  actuating angle  • clockwise  Key  29.5 mm  Any inscription, text in upper case  1  0+I  2  90°
outer diameter of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text in upper case         number of contact modules       1         number of switching positions       2         switch position for key distraction       O+I         actuating angle       90°
marking of the actuating element  number of contact modules  number of switching positions  switch position for key distraction  actuating angle  • clockwise  Any inscription, text in upper case  1  O+I
number of contact modules  number of switching positions  switch position for key distraction  actuating angle  • clockwise  1  0+I  90°
number of switching positions 2 switch position for key distraction O+I actuating angle • clockwise 90°
switch position for key distraction  actuating angle  • clockwise  90°
actuating angle  ◆ clockwise 90°
• clockwise 90°
DOM/O
lock make RONIS
key number SB30
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 Metal
General technical data
product function positive opening No
product component light source No

inquistion voltage rated value	500 V
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
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	40 500 11 5
according to IEC 60068-2-6	10 500 Hz: 5g
operating frequency maximum	1 800 1/h
mechanical service life (switching cycles) typical	300 000
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	
rated value	5 500 V
• 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
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts	0
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts	
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts	0
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts	0
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals	0
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	0 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 solid with core end processing	0 1 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	0 1 Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 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	0 1 Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 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	0 1 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)
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	0 1 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 1,5 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	0 1 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 1,5 mm²) 1 1.2 N·m
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	0 1 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 1,5 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	0 1 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 1,5 mm²) 1 1.2 N·m
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	0 1 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 1,5 mm²) 1 1.2 N·m
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	0 1 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 1,5 mm²) 1 1.2 N·m
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	0 1 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 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m
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	0 1  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 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m
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	0 1  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 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m
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	0 1 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 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
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	0 1 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 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
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	0 1 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 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
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	0 1 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 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)
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	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 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Front plate mounting
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	0 1  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 (18 14) 1 1.2 N·m 0.8 0.9 N·m  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Front plate mounting 40 mm
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	0 1 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 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Front plate mounting 40 mm 30 mm
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	0 1 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 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Front plate mounting 40 mm 30 mm round
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	0 1 Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Front plate mounting 40 mm 30 mm round 22.3 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	)	
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product	:?mlfb=3SU1150-4BF11-1BA0-Z Y11	
Cax online generator http://support.automation.siemens.com/WW/CAXorder/defau	lt.aspx?lang=en&mlfb=3SU1150-4BF11-1BA0-Z Y11	
Service&Support (Manuals, Certificates, Characteristics, FAQs,) <a href="https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-4BF11-1BA0-Z Y11">https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-4BF11-1BA0-Z Y11</a>		
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=3SU1150-4BF11-1BA0-Z Y11&amp;lang=en">http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-4BF11-1BA0-Z Y11⟨=en</a>		
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