## **SIEMENS**

## **Data sheet**



RONIS key-operated switch, 22 mm, round, metal, shiny, lock number SB30, with 2 keys, 3 switch positions I-O<II, left latching, right momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O, possible special locks: SB31, 421, 455, with laser labeling, upper case

product designation design of the product product type designation product type designation product type designation manufacturer's article number of included key  Actuator  principle of operation of the actuating element product extension optional light source of the actuating element material of the actuating element material of the actuating element material of the actuating element marking of the actuating element actuating element Any inscription, text in upper case number of switching positions switch position for key distraction actuating angle clockwise disckwise disckwise disckwise dischwise	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm manufacturer's article number of included key  Actuator  principle of operation of the actuating element included key  Actuator  principle of operation of the actuating element included key  shape of the actuating element included key  material of the actuating element included key  shape of the actuating element included key  material of the actuating element included key  shape of the actuating element included key  and included inclu	product designation	Key-operated switches
product line manufacturer's article number of included key  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 marking of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in upper case actuating angle clockwise anticlockwise actuating angle product component front ring design of the front ring color of the front ring color of the front ring design of the front ring silver  IP20  Metal, shiny, 22 mm SSU1950-OFB80-OAA0  Actuation  Idatching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching methal of the actuating element silver  material of the actuating element Any inscription, text in upper case  45° anticlockwise 45° anticlockwise 45° anticlockwise 45° SB30  Front ring product component front ring design of the front ring silver  General technical data  protection class IP of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance according to IEC 60068-2-6 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical	design of the product	Actuating/signaling element
manufacturer's article number of included key  Actuator  principle of operation of the actuating element  product extension optional light source  of the actuating element  material of the actuating element  silver  material of the actuating element  shape of the actuating element  marking 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  octockwise  octockwise  octockwise  octockwise  se anticlockwise  front ring  product component front ring  design of the front ring  material of the front ring  material of the front ring  general technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-6  operating frequency maximum  mechanical service life (switching cycles) typical	product type designation	3SU1
Actuator  principle of operation of the actuating element right, left latching  product extension optional light source  of the actuating element silver  material of the actuating element metal shape of the actuating element shape of the actuating element Any inscription, text in upper case number of switching positions as witch position for key distraction octowards.  octockwise 45°  outer diameter of the actuating element Any inscription, text in upper case number of switching positions as witch position for key distraction octowards.  octockwise 45°  onticlockwise 45°  onticlockwise 45°  onticlockwise 45°  onticlockwise 45°  onticlockwise 45°  other front ring Yes design of the front ring Metal, high gloss color of the front ring silver  General technical data protection class IP  of the terminal ipport of the front ring in t	product line	Metal, shiny, 22 mm
principle of operation of the actuating element right, left latching 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 Any inscription, text in upper case number of switching positions switch position for key distraction actuating angle  olockwise 45° lock make RONIS key number SB30  Front ring product component front ring Standard material of the front ring Standard material of the front ring Standard protection class IP of the terminal IP20 degree of protection NEMA rating 1.2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-6 operating frequency maximum 1800 (Vision of the front ring standard resconding to IEC 60068-2-6 operating frequency maximum 1800 (Vision of the front resistance) color displacement of the color of the front resistance according to IEC 60068-2-6 operating frequency maximum 1800 (Vision of the front resistance) color fing front product companion of the color	manufacturer's article number of included key	3SU1950-0FB80-0AA0
right, left latching  product extension optional light source  color  of the actuating element  material of the actuating element  shape of the actuating element  marking 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  octuating angle  oclockwise  story  actuating angle  clockwise  A5°  anticlockwise  A5°  lock make  RONIS  key number  Front ring  product component front ring  design of the front ring  material of the front ring  silver  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-6  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  solver  silver  solver  solver  silver  1 800 1/h  mechanical service life (switching cycles) typical	Actuator	
color  • of the actuating element material of the actuating element shape of the actuating element weep outer diameter of the actuating element marking of the actuating element Any inscription, text in upper case number of switching positions 3 switch position for key distraction O actuating angle • clockwise • anticlockwise  Iok make RONIS key number SB30  Front ring product component front ring design of the front ring silver  General technical data protection class IP • of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-6 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical  silver  general feedure of protection feedure of the control of	principle of operation of the actuating element	
• of the actuating element material of the actuating element shape of the actuating element wouter diameter of the actuating element marking of the actuating element number of switching positions switch position for key distraction octuating angle octockwise anticlockwise anticlockwise tock make key number Front ring product component front ring design of the front ring material of the front ring silver  General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical  mechanical service life (switching cycles) typical	product extension optional light source	No
material of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element current of the actuation, text in upper case element current of the actuation, text in upper case element current of the actuation, text in upper case element current of the actuation, text in upper case element current of the actuation, text in upper case element current of the actuation, text in upper case element current of the actuation element current of the ac	color	
shape of the actuating element outer diameter of the actuating element marking of the actuating element number of switching positions switch position for key distraction octuating angle eclockwise santiclockwise anticlockwise substance front ring product component front ring material of the front ring general technical data protection class IP of the terminal edgere of protection NEMA rating shock resistance according to IEC 60068-2-6 operating frequency maximum nechanical service life (switching cycles) typical  Any inscription, text in upper case  Any inscri	of the actuating element	silver
outer diameter of the actuating element     29.5 mm       marking of the actuating element     Any inscription, text in upper case       number of switching positions     3       switch position for key distraction     O       actuating angle     45°       e clockwise     45°       e anticlockwise     45°       lock make     RONIS       key number     SB30       Front ring     Yes       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       General technical data     P       protection class IP     IP66, IP67, IP69(IP69K)       e of the terminal     IP20       degree of protection NEMA rating     1, 2, 3, 3R, 4, 4X, 12, 13       shock resistance     sinusoidal half-wave 15g / 11 ms       e 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     1 800 1/h       mechanical service life (switching cycles) typical     300 000	material of the actuating element	metal
marking of the actuating element number of switching positions switch position for key distraction o actuating angle • clockwise • anticlockwise • anticlockwise lock make RONIS key number SB30  Front ring product component front ring design of the front ring material of the front ring color of the front ring silver  General technical data protection class IP • of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 vibration resistance • according to IEC 60068-2-6 operating frequency maximum nechanical service life (switching cycles) typical	shape of the actuating element	Key
number of switching positions  switch position for key distraction  actuating angle  • clockwise  • anticlockwise  • anticlockwise  Iock make  RONIS  key number  Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  general technical data  protection class IP  • of the terminal  degree of protection NEMA rating  shock resistance  • according to IEC 60068-2-7  vibration resistance  • according to IEC 60068-2-6  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical	outer diameter of the actuating element	29.5 mm
switch position for key distraction  actuating angle  • clockwise • anticlockwise  • anticlockwise  Iock make  RONIS  key number  Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  general technical data  protection class IP • of the terminal  degree of protection NEMA rating  shock resistance • according to IEC 60068-2-6  • according to IEC 60068-2-6  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical	marking of the actuating element	Any inscription, text in upper case
actuating angle	number of switching positions	3
clockwise anticlockwise anticlockwise A5° RONIS  key number SB30  Front ring  product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring General technical data protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical  45°  45°  RONIS RONI	switch position for key distraction	0
o anticlockwise  lock make  RONIS  key number  SB30  Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  general technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-27  vibration resistance  according to IEC 60068-2-6  operating frequency maximum  mechanical service life (switching cycles) typical  RYes  Aus Metal, high gloss  silver  Metal, high gloss  silver  Befo, IP67, IP69(IP69K)  IP20  IP66, IP67, IP69(IP69K)  IP20  in Jan Aus	actuating angle	
lock make key number SB30  Front ring product component front ring design of the front ring material of the front ring color of the front ring silver  General technical data protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical	<ul><li>clockwise</li></ul>	45°
Front ring product component front ring design of the front ring material of the front ring Standard Metal, high gloss color of the front ring General technical data protection class IP of the terminal IP20 degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 vibration resistance • according to IEC 60068-2-6 operating frequency maximum 1800 1/h mechanical service life (switching cycles) typical  Yes Standard Metal, high gloss silver IP66, IP67, IP69(IP69K) IP20 IP20 IP20 IP20 IP30, 3R, 4, 4X, 12, 13 IP30 IP30, 3R, 4, 4X, 12, 13 IP30 IP30, 3R, 4, 4X, 12, 13 IP30, 3R, 4, 4X,	anticlockwise	45°
product component front ring  design of the front ring  material of the front ring  Color of the front ring  Standard  Metal, high gloss  color of the front ring  General technical data  protection class IP  of the terminal  lP20  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-27  vibration resistance  according to IEC 60068-2-6  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical	lock make	RONIS
product component front ring  design of the front ring  material of the front ring  Metal, high gloss color of the front ring  silver  General technical data  protection class IP  of the terminal  lP20  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-27  vibration resistance  according to IEC 60068-2-6  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical	key number	SB30
design of the front ring  material of the front ring  Metal, high gloss color of the front ring  silver  General technical data  protection class IP  of the terminal  lP20  degree of protection NEMA rating shock resistance  according to IEC 60068-2-27  vibration resistance  according to IEC 60068-2-6  operating frequency maximum 1 800 1/h  mechanical service life (switching cycles) typical  Metal, high gloss Metal, high gloss silver  IP66, IP67, IP69(IP69K)  IP20  silver  IP20  silver  IP20  silver  IP20  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  10 500 Hz: 5g  operating frequency maximum 1 800 1/h  mechanical service life (switching cycles) typical	Front ring	
material of the front ring  color of the front ring  silver  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  o according to IEC 60068-2-27  vibration resistance  o according to IEC 60068-2-6  operating frequency maximum  mechanical service life (switching cycles) typical  Metal, high gloss  silver  IP66, IP67, IP69(IP69K)  IP20  1, 2, 3, 3R, 4, 4X, 12, 13  sinusoidal half-wave 15g / 11 ms  vibration resistance  10 500 Hz: 5g  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical	product component front ring	Yes
color of the front ring  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  o according to IEC 60068-2-27  vibration resistance  o according to IEC 60068-2-6  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical	design of the front ring	Standard
General technical data         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       ● 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	material of the front ring	Metal, high gloss
protection class IP of the terminal lP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance of according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance of according to IEC 60068-2-6 operating frequency maximum nechanical service life (switching cycles) typical	color of the front ring	silver
● of the terminal  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  • according to IEC 60068-2-6  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  1 800 000	General technical data	
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 1 800 1/h  mechanical service life (switching cycles) typical 300 000	protection class IP	IP66, IP67, IP69(IP69K)
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 1 800 1/h  mechanical service life (switching cycles) typical 300 000	of the terminal	IP20
● 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 1 800 1/h  mechanical service life (switching cycles) typical 300 000	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
vibration resistance       10 500 Hz: 5g         ● 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	shock resistance	
<ul> <li>◆ according to IEC 60068-2-6</li> <li>10 500 Hz: 5g</li> <li>operating frequency maximum</li> <li>1 800 1/h</li> <li>mechanical service life (switching cycles) typical</li> <li>300 000</li> </ul>	<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
operating frequency maximum     1 800 1/h       mechanical service life (switching cycles) typical     300 000	vibration resistance	
mechanical service life (switching cycles) typical 300 000	according to IEC 60068-2-6	10 500 Hz: 5g
, , , , ,	operating frequency maximum	1 800 1/h
reference code according to IEC 81346-2	mechanical service life (switching cycles) typical	300 000
	reference code according to IEC 81346-2	S

Substance Prohibitance (Date)	10/01/2014
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%)
Installation/ mounting/ dimensions	
height	29.5 mm
width	29.5 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	49.4 mm
installation width	29.5 mm
installation depth	25.4 mm
Certificates/ approvals	
Further information	

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=3SU1050-4BN01-0AA0-Z Y11">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1050-4BN01-0AA0-Z Y11</a>

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-4BN01-0AA0-Z Y11

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-4BN01-0AA0-Z Y11

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=3SU1050-4BN01-0AA0-Z Y11&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1050-4BN01-0AA0-Z Y11&lang=en</a>

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