## **SIEMENS**

## **Data sheet**



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

product designation design of the product Actuating/signaling element product type designation product type designation product type designation product type designation product tine manufacturer's article number of included key Actuator  principle of operation of the actuating element manufacturer's article number of included key  Actuator  principle of operation of the actuating element momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching product extension optional light source  No  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 Any inscription, text in lower case  unmber of switching positions switch position for key distraction actuating angle clockwise clockwise shallclockwise s	product brand name	SIRIUS ACT	
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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  actuating angle  • clockwise  • anticlockwise  • anticlockwise  • anticlockwise  • anticlockwise    A5°  • anticlockwise   A5°    One make   RONIS	of the actuating element	silver	
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number of switching positions switch position for key distraction actuating angle • clockwise • anticlockwise • 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 plastic color of the front ring black  General technical data protection class IP • of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373  vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373  operating frequency maximum  1 800 1/h  III  Category 1, Class B  operating frequency maximum  1 800 1/h	outer diameter of the actuating element	29.5 mm	
switch position for key distraction  actuating angle  clockwise  anticlockwise  Ats°  anticlockwise  Ats°  anticlockwise  Ats°  anticlockwise  Ats°  Connis  key number  Front ring  product component front ring  design of the front ring  material of the front ring  plastic  color of the front ring  black  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-27  for railway applications according to EN 61373  vibration resistance  according to IEC 60068-2-6  for railway applications according to EN 61373  category 1, Class B  operating frequency maximum  1 800 1/h  1 800 1/h	marking of the actuating element	Any inscription, text in lower case	
actuating angle	number of switching positions	3	
clockwise     anticlockwise     A5°     anticlockwise     RONIS     key number     SB30  Front ring  product component front ring     Standard     material of the front ring     color of the front ring     plastic     color of the front ring     black  General technical data  protection class IP     of the terminal     degree of protection NEMA rating     shock resistance     according to IEC 60068-2-27     of or railway applications according to EN 61373     operating frequency maximum  o Key number  RONIS  RONIS  RONIS  PRONIS  AU  AU  AU  AU  AU  AU  AU  AU  AU  A	switch position for key distraction		
• anticlockwise 45° lock make RONIS key number SB30  Front ring  product component front ring Yes design of the front ring Standard material of the front ring plastic color of the front ring black  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 60068-2-7 sinusoidal half-wave 15g / 11 ms • for railway applications according to EN 61373 Category 1, Class B  vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B  operating frequency maximum 1 800 1/h	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 plastic color of the front ring black  General technical data  protection class IP of the terminal lP20  degree of protection NEMA rating shock resistance according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B  operating frequency maximum  1 800 1/h	• clockwise	45°	
key number  Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  plastic  black  General technical data  protection class IP  of the terminal  lP20  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-27  of railway applications according to EN 61373  vibration resistance  according to IEC 60068-2-6  of railway applications according to EN 61373  category 1, Class B  operating frequency maximum  1800 1/h	<ul><li>anticlockwise</li></ul>	45°	
product component front ring  design of the front ring  material of the front ring  color of the front ring  plastic  black  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-27  of railway applications according to EN 61373  vibration resistance  according to IEC 60068-2-6  of railway applications according to EN 61373  category 1, Class B  operating frequency maximum	lock make	RONIS	
product component front ring  design of the front ring  material of the front ring  color of the front ring  plastic  black  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-27  of railway applications according to EN 61373  vibration resistance  according to IEC 60068-2-6  of or railway applications according to EN 61373  category 1, Class B  operating frequency maximum  1 800 1/h	key number	SB30	
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material of the front ring black  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  of tor railway applications according to EN 61373  vibration resistance  of according to IEC 60068-2-6  of railway applications according to EN 61373  category 1, Class B  operating frequency maximum  plastic  plack  plastic  plastin  plastin	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  according to IEC 60068-2-27  of or railway applications according to EN 61373  vibration resistance  according to IEC 60068-2-6  of or railway applications according to EN 61373  category 1, Class B  operating frequency maximum  black  IP66, IP67, IP69(IP69K)  IP20  1, 2, 3, 3R, 4, 4X, 12, 13  sinusoidal half-wave 15g / 11 ms  Category 1, Class B  Category 1, Class B	design of the front ring	Standard	
protection class IP  of the terminal  degree of protection NEMA rating  hock resistance  oaccording to IEC 60068-2-27  of tor railway applications according to EN 61373  vibration resistance  oaccording to IEC 60068-2-6  of railway applications according to EN 61373  category 1, Class B  vibration resistance  oaccording to IEC 60068-2-6  of railway applications according to EN 61373  category 1, Class B  operating frequency maximum  1 800 1/h	material of the front ring	plastic	
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  of or railway applications according to EN 61373  Category 1, Class B  vibration resistance  of according to IEC 60068-2-6  of or railway applications according to EN 61373  Category 1, Class B  operating frequency maximum  1 800 1/h	color of the front ring	black	
● 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  ● for railway applications according to EN 61373  Category 1, Class B  vibration resistance  ● according to IEC 60068-2-6  ● for railway applications according to EN 61373  Category 1, Class B  operating frequency maximum  1 800 1/h	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  • for railway applications according to EN 61373 Category 1, Class B  vibration resistance  • according to IEC 60068-2-6 10 500 Hz: 5g  • for railway applications according to EN 61373 Category 1, Class B  operating frequency maximum 1 800 1/h	protection class IP	IP66, IP67, IP69(IP69K)	
shock resistance  • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms  • for railway applications according to EN 61373 Category 1, Class B  vibration resistance  • according to IEC 60068-2-6 10 500 Hz: 5g  • for railway applications according to EN 61373 Category 1, Class B  operating frequency maximum 1 800 1/h	of the terminal	IP20	
<ul> <li>according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms</li> <li>for railway applications according to EN 61373 Category 1, Class B</li> <li>vibration resistance</li> <li>according to IEC 60068-2-6 10 500 Hz: 5g</li> <li>for railway applications according to EN 61373 Category 1, Class B</li> <li>operating frequency maximum 1 800 1/h</li> </ul>	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
	shock resistance		
vibration resistance	<ul><li>according to IEC 60068-2-27</li></ul>	sinusoidal half-wave 15g / 11 ms	
• according to IEC 60068-2-6  • for railway applications according to EN 61373  Category 1, Class B  operating frequency maximum  1 800 1/h	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B	
● for railway applications according to EN 61373 Category 1, Class B  operating frequency maximum 1 800 1/h	vibration resistance		
operating frequency maximum 1 800 1/h	• according to IEC 60068-2-6	10 500 Hz: 5g	
	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B	
mechanical service life (operating cycles) typical 1 000 000	operating frequency maximum	1 800 1/h	
	mechanical service life (operating cycles) typical	1 000 000	

reference code according to IEC 81346-2	<b>\$</b>
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	

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-busines

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3SU1000-4BP31-0AA0-Z Y12

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-4BP31-0AA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-4BP31-0AA0-Z Y12

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1000-4BP31-0AA0-Z Y12&lang=en