## **SIEMENS**

## **Data sheet**



RONIS key-operated switch, 22 mm, round, plastic with metal front ring, 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 O+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 line manufacturer's article number of included key Actuation  product system of the actuating element product extension optional light source of the actuating element material of the actuating element material of the actuating element marking of the actuating element mumber of switching positions switch position for key distraction actuating angle elockwise elockwise elockwise elockmise front ring product component front ring design of the front ring standard material of the front ring color of the front ring sand gray  Ceneral technical data protection class IP of the terminal degree of protection NEMA rating shock resistance elockmisy applications according to EN 61373 vibration resistance elockmisy applications according to EN 61373 category 1, Class B  1 800 Hh	product brand name	SIRIUS ACT	
product type designation product line Plastic with metal front ring, matt, 22 mm 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 shape of the actuating element Any inscription, text in lower case number of switching positions switch position for key distraction actuating angle clockwise anticlockwise anticlockwise flock make key number SB30  Front ring product component front ring design of the front ring color of the front ring material of the ordinating shock resistance according to EC 60068-2-6 for railway applications according to EN 61373  Vibration resistance according to EC 60068-2-6 for railway applications according to EN 61373  SSUI150-OFB80-0AA0  momentary contact/latching, matt, 22 mm momentary contact/latching, assutise, ass	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	design of the product	Actuating/signaling 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  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  number of switching positions  switch position for key distraction  actuating angle  • clockwise  • anticlockwise  (As°  • anticlockwise  (As°  (BONIS)  key number  SB30  Front ring  product component front ring  design of the front ring  material of the front ring	product type designation	3SU1	
Actuator  principle of operation of the actuating element  product extension optional light source  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 lower case  number of switching positions  switch position for key distraction  actuating angle  clockwise  anticlockwise  antic	product line	Plastic with metal front ring, matt, 22 mm	
principle of operation of the actuating element  product extension optional light source  color  of the actuating element material of the actuating element material of the actuating element marking of the actuating element Any inscription, text in lower case number of switching positions switch position for key distraction actuating angle olockwise anticlockwise anticlockwise anticlockwise seanticlockwise front ring product component front ring design of the front ring material of the front ring material of the front ring element marking of the actuating element Any inscription, text in lower case  Any inscripti	manufacturer's article number of included key	3SU1950-0FB80-0AA0	
left, right latching product extension optional light source color  of the actuating element shape of the actuating element shape of the actuating element warrial of the actuating element shape of the actuating element warrial of the actuating element warrial of the actuating element arrived idinates of the actuating element Any inscription, text in lower case number of switching positions switch position for key distraction actuating angle oclockwise actuating angle oclockwise A5° anticlockwise A5° lock make RONIS key number SB30  Front ring product component front ring design of the front ring actuation of the front ring sand gray  General technical data protection class IP of the terminal lip20 degree of protection NEMA rating shock resistance according to IEC 60068-2-6 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  livier in the control of the side of the control of the category 1, Class B  category 1, Class B  Category 1, Class B	Actuator		
color  • 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 lower case number of switching positions 3 switch position for key distraction O+II actuating angle • clockwise 45° • anticlockwise 45° lock make RONIS key number SB30  Front ring product component front ring Standard material of the front ring Metal, matt color of the front ring sand gray  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 60068-2-67 • 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	principle of operation of the actuating element	,	
of the actuating element     material of the actuating element     shape of the actuating element     shape of the actuating element	product extension optional light source	No	
material of the actuating element shape of the actuating element outer diameter of the actuating element number of switching positions switch position for key distraction actuating angle oclockwise anticlockwise anticlockwise anticlockwise swy number Front ring product component front ring design of the front ring material of the front ring color of the front ring sand gray  General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B	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 actuating angle e clockwise anticlockwise for anticlockwise Afo anticlockwise Afo Any inscription, text in lower case  O+II  actuating angle e clockwise Afo Any inscription, text in lower case  O+II  Actuating angle  Afo Any inscription, text in lower case  Any inscription and case in	of the actuating element	silver	
outer diameter of the actuating element     29.5 mm       marking of the actuating positions     3       switch position for key distraction     0+II       actuating angle     45°       • clockwise     45°       • anticlockwise     45°       lock make     RONIS       key number     SB30       Front ring     Yes       design of the front ring     Standard       material of the front ring     Metal, matt       color of the front ring     sand gray       General technical data     IP20       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       • 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	material of the actuating element	metal	
marking of the actuating element number of switching positions switch position for key distraction actuating angle	shape of the actuating element	Key	
number of switching positions  switch position for key distraction  actuating angle  • clockwise  • anticlockwise  • anticlockwise  • 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 60068-2-27  • 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  viator  O+II  45°  45°  45°  Ves  45°  Atomic San  Vibration resistance  • according to IEC 60068-2-6  • for railway applications according to EN 61373  Category 1, Class B	outer diameter of the actuating element	29.5 mm	
switch position for key distraction  actuating angle  • clockwise • anticlockwise • anticlockwise  • anticlockwise  • anticlockwise  • anticlockwise  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 • 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	marking of the actuating element	Any inscription, text in lower case	
actuating angle	number of switching positions	3	
oclockwise     onticlockwise     onticlockw	switch position for key distraction	O+II	
o anticlockwise  lock make  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  o according to IEC 60068-2-27  of or railway applications according to EN 61373  vibration resistance  o according to IEC 60068-2-6  of railway applications according to EN 61373  value  PRONIS  Standard  Metal, matt  sand gray  IP66, IP67, IP69(IP69K)  IP20  1, 2, 3, 3R, 4, 4X, 12, 13  sinusoidal half-wave 15g / 11 ms  Category 1, Class B  vibration resistance  o according to IEC 60068-2-6  of or railway applications according to EN 61373  Category 1, Class B	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 sand gray  General technical data protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms category 1, Class B  vibration resistance according to IEC 60068-2-6 according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B	• clockwise	45°	
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  • 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	<ul><li>anticlockwise</li></ul>	45°	
product component front ring  design of the front ring  material of the front ring  Metal, matt  color of the front ring  Sand gray  General technical data  protection class IP  of the terminal  lP20  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	lock make	RONIS	
product component front ring  design of the front ring  material of the front ring  Metal, matt  color of the front ring  Sand gray  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  Category 1, Class B  Category 1, Class B	key number	SB30	
design of the front ring material of the front ring  Metal, matt 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 sinusoidal half-wave 15g / 11 ms 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  10 500 Hz: 5g of category 1, Class B	Front ring		
material of the front ring  color of the front ring  sand gray  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  of according to IEC 60068-2-27  of or railway applications according to EN 61373  vibration resistance  of according to IEC 60068-2-6  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  Category 1, Class B  Category 1, Class B	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  of 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  vibration resistance  of railway applications according to EN 61373  Category 1, Class B  Category 1, Class B  Category 1, Class B	design of the front ring	Standard	
protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 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	material of the front ring	Metal, matt	
protection class IP  of the terminal  lP20  degree of protection NEMA rating  shock resistance  of according to IEC 60068-2-27  of tor railway applications according to EN 61373  vibration resistance  of according to IEC 60068-2-6  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  Category 1, Class B	color of the front ring	sand gray	
● 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 10 500 Hz: 5g  ● for railway applications according to EN 61373 Category 1, Class B	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	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	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> </ul>	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
• 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      10 500 Hz: 5g     Category 1, Class B	shock resistance		
vibration resistance         ● according to IEC 60068-2-6       10 500 Hz: 5g         ● for railway applications according to EN 61373       Category 1, Class B	<ul><li>according to IEC 60068-2-27</li></ul>	sinusoidal half-wave 15g / 11 ms	
<ul> <li>according to IEC 60068-2-6</li> <li>for railway applications according to EN 61373</li> <li>Category 1, Class B</li> </ul>	<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	vibration resistance		
	<ul><li>according to IEC 60068-2-6</li></ul>	10 500 Hz: 5g	
operating frequency maximum 1 800 1/h	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B	
	operating frequency maximum	1 800 1/h	

mechanical service life (switching cycles) typical	1 000 000
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)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1030-4BP61-0AA0-Z Y12

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-4BP61-0AA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-4BP61-0AA0-Z Y12

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax">http://www.automation.siemens.com/bilddb/cax</a> de.aspx?mlfb=3SU1030-4BP61-0AA0-Z Y12&lang=en

last modified: 1/26/2022 🖸