SIEMENS

Data sheet



RONIS key-operated switch, 22 mm, round, plastic with metal front ring, lock number 455, with 2 keys, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O, with laser labeling, upper case and lower case, always upper case at beginning of line

product designation design of the product product type designation product type designation 3SU1 product type designation product type designation 3SU1 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 shape of the actuating element shape of the actuating element shape of the actuating element work diameter of the actuating element marking of the actuating element Ary inscription, text in upper/lower case, every line begins with upper case letter number of switching positions switch position for key distraction actuating angle clockwise clockwise shaticlockwise shat	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 color • of the actuating element silver material of the actuating element Key outer diameter of the actuating element Any inscription, text in upper/lower case, every line begins with upper case letter number of switching positions switch position for key distraction actuating angle • clockwise • anticlockwise • anticlockwise 1clock make key number product component front ring gesign of the front ring material of the front ring sand gray General technical data protection class IP • of the terminal degree of protection NEMA rating shock resistance • a coroling to IEC 60068-2-6 • for railway applications according to EN 61373 SSUL1 SSU1950-0FC80-0AAQ ASU1950-0FC80-0AAQ ASU1950-0FC80-0AAQ ASU1950-0FC80-0AAQ ASU1950-0FC80-0AAQ ASU1950-0FC80-0AAQ ASU1950-0FC80-0AAQ Asu1950-0FC80-0AAQ Asu1950-0FC80-0AAQ Any inscription, text in upper/lower case, every line begins with upper case letter Aps in the front in upper/lower case, every line begins with upper case letter 29.5 mm metal Asu29-0FC80-0AAQ Avison Plastic Minus Action in upper/lower case, every line begins with upper case letter 45° 45° 45° 45° 45° 45° 45° 45	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 of the actuating element sliver material of the actuating element shape of the actuating element marking of the actuating element marking of the actuating element askitch position for key distraction olockwise anticlockwise anticlockwise anticlockwise lock make key number product component front ring design of the front ring dosign of the front ring color of the front ring color of the front ring sand gray General technical data protection class IP of trailway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of crailway applications according to EN 61373 Latching, 2x45° (10:30 h/12 h/13:30 h) No material of the actuating element sliver material of the actuating element Any inscription, text in upper/lower case, every line begins with upper case letter Any inscription, text in upper/lower case, every line begins with upper case letter Any inscription, text in upper/lower case, every line begins with upper latching, 2x45° (10:30 h/12 h/13:30 h) No actuating apple 45° 45° 45° 45° 45° 45° 45° 45	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 color	product type designation	3SU1
Actuator principle of operation of the actuating element product extension optional light source color of the actuating element shape of the actuating element shape of the actuating element waterial of the actuating element shape of the actuating element warking of the actuating element arking of the actuating element warking of the actuating element arking of the actuating element number of switching positions switch position for key distraction actuating angle clockwise anticlockwise seletter Assembly and actuating element Assembly and actuating element Ary inscription, text in upper/lower case, every line begins with upper case letter number of switching positions switch position for key distraction actuating angle clockwise 45° anticlockwise 45° anticlockwise 45° front ring product component front ring 455 Front ring product component front ring design 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 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	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 sliver 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/lower case, every line begins with upper case letter as witch position for key distraction actuating angle olockwise anticlockwise anticlockwise lock make key number 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 of rrailway applications according to EN 61373 Vibration resistance according to IEC 60068-2-6 of rrailway applications according to EN 61373 Category 1, Class B Vibration resistance according to IEC 60068-2-6 of rrailway applications according to EN 61373 Category 1, Class B	manufacturer's article number of included key	3SU1950-0FC80-0AA0
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 case letter number of switching positions switch position for key distraction actuating angle oclockwise anticlockwise anticlockwise step of the front ring product component front ring material of the front ring material 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 silver metal silver metal silver metal silver metal silver metal silver metal specific scalaring silver metal specific scalaring silver metal specific scalaring specific scal	Actuator	
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of the actuating element material of the actuating element shape of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element Any inscription, text in upper/lower case, every line begins with upper case letter number of switching positions switch position for key distraction actuating angle clockwise anticlockwise 45° anticlockwise 45° lock make RONIS key number 455 Front ring product component front ring design of the front ring material of the front ring material 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 vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B	product extension optional light source	No
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outer diameter of the actuating element 29.5 mm marking of the actuating element Any inscription, text in upper/lower case, every line begins with upper case letter number of switching positions 3 switch position for key distraction 0 actuating angle clockwise anticlockwise 45° o anticlockwise 45° lock make RONIS key number 455 Front ring product component front ring Yes design of the front ring Metal, matt color of the front ring Metal, matt color of the front ring IP66, IP67, IP69(IP69K) protection class IP IP20 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 o 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 clockwise anticlockwise 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 60068-2-27 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	shape of the actuating element	Key
number of switching positions switch position for key distraction o actuating angle clockwise clockwise anticlockwise synumber front ring product component front ring design of the front ring material 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 clock design of the front ring Standard Metal, matt shock resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 case letter 3 3 Shock resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 case letter 3 3 Case letter 3 3 Case letter 3 3 Case letter 3 3 Case letter 3 3 Case letter 3 3 Case letter 3 3 Case letter 3 3 Case letter 45° Case letter 5 Case leter 6 Ca	outer diameter of the actuating element	29.5 mm
switch position for key distraction actuating angle • clockwise • anticlockwise 45° lock 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 • 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	
actuating angle	number of switching positions	3
octokwise onticlockwise onticlockwi	switch position for key distraction	0
anticlockwise lock make key number A55 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 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B category 1, Class B	actuating angle	
lock make key number 455 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 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	• 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 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	anticlockwise	45°
product component front ring 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 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 of or railway applications according to EN 61373 Category 1, Class B category 1, Class B Category 1, Class B 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	455
design of the front ring material 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 of according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms 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 Category 1, Class B Category 1, Class B	Front ring	
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color of the front ring General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 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 according to IEC 60068-2-6 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 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	material of the front ring	Metal, matt
protection class IP of the terminal degree of protection NEMA rating shock resistance o according to IEC 60068-2-27 of to railway applications according to EN 61373 vibration resistance o according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B vibration resistance of according to IEC 60068-2-6 of 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 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 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
 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 	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 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	according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
 according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B 	 for railway applications according to EN 61373 	Category 1, Class B
• for railway applications according to EN 61373 Category 1, Class B	vibration resistance	
	according to IEC 60068-2-6	10 500 Hz: 5g
operating frequency maximum 1 800 1/h	 for railway applications according to EN 61373 	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	
 during operation 	-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	
boight	00.5
height	29.5 mm
width	29.5 mm 29.5 mm
width	29.5 mm
width shape of the installation opening	29.5 mm round
width shape of the installation opening mounting diameter	29.5 mm round 22.3 mm
width shape of the installation opening mounting diameter positive tolerance of installation diameter	29.5 mm round 22.3 mm 0.4 mm
width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height	29.5 mm round 22.3 mm 0.4 mm 49.4 mm
width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width	29.5 mm round 22.3 mm 0.4 mm 49.4 mm 29.5 mm

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=3SU1030-4CL01-0AA0-Z Y10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-4CL01-0AA0-Z Y10

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-4CL01-0AA0-Z Y10

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3SU1030-4CL01-0AA0-Z Y10&lang=en

1/26/2022 last modified: