## **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 I+O+II, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

product designation design of the product product type designation product type designation 3SU1  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 material of the actuating element material of the actuating element marking of the actuating element  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of switching positions switch position for key distraction actuating angle clock wise designation element Af5 anticlockwise Af5 configurator/Configuration Identification Number (CIN)  switch position for key distraction actuating angle clock make RONIS  key number  front ring product component front ring design 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 60068-2-27 for railway applications according to EN 61373 or according to IEC 60068-2-8 for railway applications according to EN 61373 or according to IEC 60068-2-8 for railway applications according to EN 61373 or according to IEC 60068-2-8 for railway applications according to EN 61373 or according to IEC 60068-2-8 for railway applications according to EN 61373 or according to IEC 60068-2-8 for railway applications according to EN 61373 or according to IEC 60068-2-8 for railway applications according to EN 61373 or according to IEC 60068-2-8 for railway applications according to EN 61373 or according to IEC 60068-2-8 for railway applications according to EN 61373 or according to IEC 60068-2-8 for railway applications according to EN 61373 or according to IEC 60068-2-8 for railway applications according to EN 61373 or acc	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 material of the actuating element shape of the actuating element wouter diameter of the actuating element material of the actuating element warking of the actuating element marking of the actuating element marking of the actuating element marking of the actuating element  material of the actuating element  marking of the actuating element  marking of the actuating element  marking of the actuating element  mumber of switching positions  switch position for key distraction actuating angle olockwise anticlockwise 45° anticlockwise 45° anticlockwise 45° front ring product component front ring design of the front ring Alexandre material of the front ring Metal, matt color of the front ring degree of protection NEMA rating shock resistance according to IEC 60068-2-6 for railway applications according to EN 61373  Vibration resistance according to IEC 60068-2-6 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 designation	Key-operated switches
product line manufacturer's article number of included key  Actustor  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 marking of the actuating element actuating element  marking of the actuating element  marking of the actuating element actuating element  marking of the actuating element  marking of the actuating element  number of switching positions switch position for key distraction actuating angle e clockwise e anticlockwise front ring product component front ring design of the front ring design of the front ring color of the front ring color of the front ring design of the front ring color of the terminal degree of protection NEMA rating shock resistance e according to IEC 60068-2-6 e for railway applications according to EN 61373 Category 1, Class B  Plastic with metal front ring, asufus material of the continuing to Inc. 500 Hz: 59 Category 1, Class B	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	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 or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  switch position for key distraction actuating angle olockwise anticlockwise anticlockwise anticlockwise Afs lock make RONIS key number  Front ring product component front ring design 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  Category 1, Class B  Category 1, Class B	manufacturer's article number of included key	3SU1950-0FC80-0AA0
product extension optional light source  of the actuating element material of the actuating element shape of the actuating element Mey outer diameter of the actuating element Marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of switching positions switch position for key distraction Actuating angle olockwise actuating angle olockwise A5° anticlockwise A5° lock make RONIS key number A55  Front ring 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 sinusoidal half-wave 15g / 11 ms Category 1, Class B  vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B	Actuator	
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  marking of the actuating element  marking of the actuating element  number of switching positions  switch position for key distraction  actuating angle  • clockwise  • anticlockwise  • anticlockwise  fook make  key number  product component front ring product component front ring design of the front ring material 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  Category 1, Class B  silver  metal silver  metal skey  onetal stat or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration let or symbol, can only be ordered via SIRIUS ACT configurator/Configuration, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration, let or symbol, can only be ordered via SIRIUS ACT configurator/Configuration, let or symbol, can only be ordered via SIRIUS ACT configurator/Configuration, let or symbol, can only be ordered via SIRIUS ACT configurator/Configuration, let or symbol, can only be ordered via SIRIUS ACT configurator/Configurator let or symbol, can only be ordered via SIRIUS ACT configurator/Configurator/Configuration, let or symbol, can only be ordered via SIRIUS ACT configurator/Configu	principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)
of the actuating element     material of the actuating element     shape of the actuating element     shape of the actuating element     well     outer diameter of the actuating element     marking of the actuating element     Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)      number of switching positions     switch position for key distraction     actuating angle     elockwise     elockwise     enticlockwise     inck make     key number     45°     lock make     key number     455  Front ring     product component front ring     design of the front ring     design of the front ring     sand gray  Ceneral technical data  protection class IP     of the terminal     degree of protection NEMA rating     shock resistance     e according to IEC 60068-2-27     e for railway applications according to EN 61373     Category 1, Class B  vibration resilvance     e according to IEC 60068-2-6     e for railway applications according to EN 61373     Category 1, Class B	product extension optional light source	No
material of the actuating element shape of the actuating element weet diameter of the actuating element marking of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of switching positions  switch position for key distraction actuating angle clockwise anticlockwise for anticlockwise anticlockwise A5° lock make RONIS key number RONIS key number RONIS design of the front ring design of the front ring material of the front ring sand gray  General technical data  protection class IP of the terminal 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 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  marking of the actuating element  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of switching positions  switch position for key distraction  actuating angle  e clockwise  e anticlockwise  front ring  product component front ring  design of the front ring  sand gray  General technical data  protection class IP  e of the terminal  degree of protection NEMA rating  shock resistance  e according to IEC 60068-2-27  for railway applications according to EN 61373  vibration resistance  e according to IEC 60068-2-6  e for railway applications according to EN 61373  Category 1, Class B	<ul> <li>of the actuating element</li> </ul>	silver
outer diameter of the actuating element     29.5 mm       marking of the actuating element     Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN)       number of switching positions     3       switch position for key distraction     O+I+II       actuating angle <ul> <li>clockwise</li> <li>anticlockwise</li> <li>45°</li> </ul> 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             In protection class IP               of the terminal             In protection class IP	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  color of the front ring  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	shape of the actuating element	Key
configurator/Configuration Identification Number (CIN)  number of switching positions  switch position for key distraction  actuating angle  clockwise  anticlockwise  front ring  product component front ring  design of the front ring  color 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 60068-2-7  for railway applications according to EN 61373  vibration resistance  according to IEC 60068-2-6  for railway applications according to EN 61373  coeling in the fine of the fin	outer diameter of the actuating element	29.5 mm
switch position for key distraction actuating angle	marking of the actuating element	
actuating angle  • clockwise • anticlockwise 45° lock make RONIS key number 455  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 • 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  Vias  V	number of switching positions	3
clockwise	switch position for key distraction	O+I+II
o anticlockwise     lock make     key number     455  Front ring  product component front ring     design of the front ring     material 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     according to IEC 60068-2-6     o for railway applications according to EN 61373  value     Atso     RONIS     RONIS     Atso     RONIS     Atso     Atso     RONIS     Atso	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 General technical data protection class IP of the terminal lP20 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 o for railway applications according to EN 61373 Category 1, Class B	• 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  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  o for railway applications according to EN 61373  Category 1, Class B	<ul> <li>anticlockwise</li> </ul>	45°
product component front ring  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  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  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	455
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 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  Category 1, Class B  Category 1, Class B  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  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  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 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	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 to 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	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 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 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  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	shock resistance	
vibration resistance	<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	
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=3SU1030-4CL11-0AA0-Z Y19

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-4CL11-0AA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-4CL11-0AA0-Z Y19

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=3SU1030-4CL11-0AA0-Z Y19&lang=en

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