## **SIEMENS**

## **Data sheet**



RONIS key-operated switch, 22 mm, round, plastic, lock number 455, with 2 keys, 2 switch positions O-I, latching, actuating angle  $90^\circ$ , 10:30h/13:30h, key removal O, with laser labeling, lower case

product designation  design of the product product type designation product tiline plastic, black, 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 shape of the actuating element shape of the actuating element shape of the actuating element marking of the actuating element marking of the actuating element anumber of switching positions 2 switch position for key distraction actuating angle oclockwise lock make key number  455  Front ring product component front ring design of the front ring design of the front ring material of the front ring plastic color of the front ring of the actuating element 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms	product brand name	SIRIUS ACT	
product type designation product line manufacturer's article number of included key  Matuator 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 marking of the actuating element marking of the actuating element Any inscription, text in lower case number of switching positions 2 switch position for key distraction actuating angle oclockwise 90° lock make key number 455  Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring plastic protection class IP of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance	product designation	Key-operated switches	
product line	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 Any inscription, text in lower case number of switching positions  switch position for key distraction actuating angle clockwise lock make RONIS key number  front ring product component front ring design of the front ring material of the front ring plastic color of the front ring fleet e of the terminal degree of protection NEMA rating shock resistance  latching, 90° (10:30 h/13:30 h) positions, 90° (10:30 h/13:30 h) product extension plastic silver metal atching, 90° (10:30 h/13:30 h) positions netal atching, 90° (10:30 h/13:30 h) positions position netal atching, 90° (10:30 h/13:30 h) positions position position position position, text in lower case notes and position, text in lower case position, text in lower case notes and position, text in lower case position, text in lower case position, text in lower case notes and position,	product type designation	3SU1	
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 warking of the actuating element marking of the actuating element Any inscription, text in lower case number of switching positions 2 switch position for key distraction actuating angle • clockwise lock make RONIS key number  design of the front ring material of the front ring general technical data protection class IP • of the terminal degree of protection NEMA rating sliver  Identity 10:30 h/13:30 h)  Roll 10:30 h/13:30 h/13:30 h)  Roll 10:30 h/13:30	product line	Plastic, black, 22 mm	
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 well shape of the actuating element cuter diameter 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 lock make key number  **RONIS** **RONI	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 cuter diameter of the actuating element marking of the actuating element number of switching positions  switch position for key distraction actuating angle oclockwise lock make key number  story  product component front ring product component front ring material of the front ring material of the front ring protection class IP of the terminal degree of protection NEMA rating shock resistance	Actuator		
color  • of the actuating element  material of the actuating element  shape of the actuating element  marking of the actuating element  number of switching positions  2  switch position for key distraction  o  actuating angle  • clockwise  lock make  key number  front ring  product component front ring  design of the front ring  material of the front ring  protection class IP  • of the terminal  degree of protection NEMA rating  shock resistance  even  silver  metal  silver  and  silver  metal  silve  of the front in lower case  out silver  metal  silve  silves  metal  silves	principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)	
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 lower case     number of switching positions     2     switch position for key distraction     actuating angle	product extension optional light source	No	
material of the actuating element shape of the actuating element weter 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 goo 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 element key goo lock wey goo lock make lo	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 oclockwise 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 protection class IP of the terminal degree of protection NEMA rating switch position, text in lower case  Any inscription, text in lower case  9.5 mm Any inscription, text in lower case  9.6 mexim and in lower case  2 switch position, text in lower case  9.7 mexim in lower case  9.8 mexim in lower case  9.8 mexim in lower case  9.9 mexim in lower case  9.0 me	<ul> <li>of the actuating element</li> </ul>	silver	
outer diameter of the actuating element marking of the actuating element number of switching positions 2 switch position for key distraction octuating angle oclockwise 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 protection class IP of the terminal degree of protection NEMA rating switch position, text in lower case Any inscription, text in lower case  Any inscription, text in lower case  Any inscription, text in lower case  Any inscription, text in lower case  Any inscription, text in lower case  Any inscription, text in lower case  Any inscription, text in lower case  Any inscription, text in lower case  Position lower case  Standard  Prose plastic black  General technical data  Protection class IP of the terminal IP20  degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	material of the actuating element	metal	
marking of the actuating element number of switching positions  switch position for key distraction  octuating angle oclockwise oclockwise 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 protection class IP of the terminal octuating all and a shock resistance  Any inscription, text in lower case  2  Any inscription, text in lower case  2  Standard  Po°  Standard  Yes  Standard  plastic  color of the front ring black  General technical data  protection class IP of the terminal IP20  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13	shape of the actuating element	Key	
number of switching positions  switch position for key distraction  actuating angle  ● clockwise  90°  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  switch position  O  Standard  plastic  black  IP66, IP67, IP69(IP69K)  ● of the terminal  IP20  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance	outer diameter of the actuating element	29.5 mm	
switch position for key distraction  actuating angle  ● clockwise  90°  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  plastic  color of the front ring  plastic  color of the front ring  plack  General technical data  protection class IP  of the terminal  IP20  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance	marking of the actuating element	Any inscription, text in lower case	
actuating angle	number of switching positions	2	
● clockwise 90°   lock make RONIS   key number 455   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	switch position for key distraction	0	
lock make key number 455  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 lP20 degree of protection NEMA rating shock resistance  PONIS  Yes Standard plastic plastic plastic plack  IP66, IP67, IP69(IP69K) IP20 IP20 IP20 IP20 IP20 IP20 IP20 IP20	actuating angle		
key number  Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  black  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  455  Yes  Standard  plastic  plastic  plack  IP66, IP67, IP69(IP69K)  IP66, IP67, IP69(IP69K)  IP20  1, 2, 3, 3R, 4, 4X, 12, 13	• clockwise	90°	
Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  black  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  Yes  Standard  plastic  plastic  plack    Plack   P	lock make	RONIS	
product component front ring  design of the front ring  material of the front ring  color of the front ring  black  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  Yes  Standard  plastic  plastic  plack  IP66, IP67, IP69(IP69K)  IP20  1, 2, 3, 3R, 4, 4X, 12, 13	key number	455	
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 lP20 degree of protection NEMA rating shock resistance  Standard plastic plastic lPack lP66, IP67, IP69(IP69K) IP20 IP20	Front ring		
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	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  black  IP66, IP67, IP69(IP69K)  IP20  1, 2, 3, 3R, 4, 4X, 12, 13	design of the front ring	Standard	
General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  IP66, IP67, IP69(IP69K)  IP20  1, 2, 3, 3R, 4, 4X, 12, 13	material of the front ring	plastic	
protection class IP  of the terminal  degree of protection NEMA rating shock resistance  IP66, IP67, IP69(IP69K) IP20  1, 2, 3, 3R, 4, 4X, 12, 13	color of the front ring	black	
● of the terminal IP20  degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance	General technical data		
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance	protection class IP	IP66, IP67, IP69(IP69K)	
shock resistance	of the terminal	IP20	
	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
according to IFC 60068-2-27     sinusoidal half-wave 15g / 11 ms	shock resistance		
Sindolidal Hall Wave Tog / 11 His	<ul><li>according to IEC 60068-2-27</li></ul>	sinusoidal half-wave 15g / 11 ms	
• for railway applications according to EN 61373 Category 1, Class B	for railway applications according to EN 61373	Category 1, Class B	
vibration resistance	vibration resistance		
• according to IEC 60068-2-6 10 500 Hz: 5g	<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g	
• for railway applications according to EN 61373 Category 1, Class B	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B	
operating frequency maximum 1 800 1/h	operating frequency maximum	1 800 1/h	
mechanical service life (switching cycles) typical 1 000 000	mechanical service life (switching cycles) typical	1 000 000	
reference code according to IEC 81346-2			

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=3SU1000-4CF01-0AA0-Z Y12">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1000-4CF01-0AA0-Z Y12</a>

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-4CF01-0AA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-4CF01-0AA0-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\_de.aspx?mlfb=3SU1000-4CF01-0AA0-Z Y12&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1000-4CF01-0AA0-Z Y12&lang=en</a>

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