## **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+I, with laser labeling, lower case

product designation design of the product product type designation product time product time plastic, black, 22 mm panufacturer's article number of included key  Actuation principle of operation of the actuating element product extension optional light source color of the actuating element silver material of the actuating element shape of the actuating element shape of the actuating element marking of the actuating element pumber of switching positions switch position for key distraction actuating angle clockwise lock make RONIS key number  Product component front ring design of the front ring product component front ring material of the front ring color of the front ring protection class IP of the certain pelment product designation policion NEMA rating product component fend rating legere of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	product designation	SIRIUS ACT	
product type designation 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 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 actuating of witching positions 2 switch position for key distraction actuating angle • clockwise lock make key number  product component front ring product component front ring material of the front ring material of the front ring plastic color of the front ring feneral technical data protection class IP • of the terminal  latching, black, 22 mm plastic, black, 22 mm sutures, black, 22 mm netal staching, 90° (10:30 h/13:30 h) po' (10:30 h/13:30 h) po		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 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 oclockwise lock make key number  ### Actuating ##	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 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 olockwise 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 plastic color of the front ring for the terminal  P66, IP67, IP69(IP69K) Incomposition of the terminal  P66, IP67, IP69(IP69K) Incomposition of the terminal  P88, IP68, IP68	product type designation	3SU1	
Principle of operation of the actuating element product extension optional light source color	product line	Plastic, black, 22 mm	
principle of operation of the actuating element product extension optional light source  No  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 Any inscription, text in lower case number of switching positions Sewitch position for key distraction actuating angle clockwise Octobe actuating Octobe Associated Associated  Product component front ring design of the front ring material of the front ring Color of the front ring Color of the front ring Octobe Associated  Protection class IP Octobe Associated Octobe Asso	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 number of switching positions 2 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 color of the front ring  General technical data protection class IP of the terminal  silver metal silver silver silver silver silver silver silver sil	Actuator		
color  • of the actuating element  material of the actuating element  shape of the actuating element  shape of the actuating element  cuter diameter 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  o+I  actuating angle  • clockwise  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  even  silver  metal  spon  solve  po°  o+I  actuating ape  po°  solve  solve  solve  silver  metal  spon  solve	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 weighted for the actuating element shape of the actuating element marking of the actuating element marking of the actuating element number of switching positions 2 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 color of the front ring protection class IP of the terminal  silver metal shape silver metal shape silver silver metal shape silver sil	product extension optional light source	No	
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 number of switching positions 2 switch position for key distraction actuating angle clockwise 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  metal  Key  metal  Key  99.5  mm Any inscription, text in lower case  0+1  Any inscription, text in lower case  29.5  mm Any inscription, text in lower case  29.5  The sum of the front in lower case  190°  Standard  Plastic Standard Plastic S	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  General technical data protection class IP of the terminal  Key Any inscription, text in lower case  0+1 Any inscription, text in lower case  2 Smitch Any inscription, text in lower case  2 Switch position for key distraction 0+1 Any inscription, text in lower case  2 Switch position for key distraction 0+1 Suppose S	of the actuating element	silver	
outer diameter of the actuating element marking of the actuating element number of switching positions  switch position for key distraction  actuating angle  • clockwise  lock make  key number  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  e y in switch position, text in lower case  Any inscription, text in lower case  2  Show in lower case  2  Show in lower case  Any inscription, text in lower case  2  Show in lower case  Any inscription, text in lower case  2  Show in lower case  Any inscription, text in lower case  2  Show in lower case  2  Show in lower case  2  Standard  Foot tring  plastic  black  General technical data  Protection class IP  of the terminal	material of the actuating element	metal	
marking of the actuating element 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  color of the front ring  General technical data  protection class IP  • of the terminal  Any inscription, text in lower case  2  Standard  Pos  Bonis  Any inscription, text in lower case  2  Standard  Pos  Bonis  Any inscription, text in lower case  2  Standard  Pos  Bonis  Any inscription, text in lower case  2  Standard  Pos  Bonis  Bo	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  • O+I  O+I  O+I  SHOW  90°  RONIS  455  FONIS  Yes  Standard  plastic  black  IP66, IP67, IP69(IP69K)  IP69, IP69, IP69(IP69K)  IP20	outer diameter of the actuating element	29.5 mm	
switch position for key distraction  actuating angle  ● clockwise  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  Diack  General technical data  protection class IP  ● of the terminal  ● O+I   O+I   O+I   O+I   Pos  Box  Box  Box  Box  Box  Box  Box  B	marking of the actuating element	Any inscription, text in lower case	
actuating angle	number of switching positions	2	
o clockwise  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 of the terminal  IP66, IP67, IP69(IP69K) IP20	switch position for key distraction	O+I	
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 black  General technical data protection class IP of the terminal  of the terminal  PONIS  Yes Standard plastic black  General technical data  IP66, IP67, IP69(IP69K)	actuating angle		
key number  Front ring  product component front ring	• 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  of the terminal  Yes  Standard  plastic  black  Black  IP66, IP67, IP69(IP69K)  IP66, IP67, IP69(IP69K)	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  of the terminal  Yes  Standard  plastic  plastic  black  IP66, IP67, IP69(IP69K)  IP66, IP67, IP69(IP69K)	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  P66, IP67, IP69(IP69K) 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	product component front ring	Yes	
color of the front ring  General technical data  protection class IP  of the terminal  black  IP66, IP67, IP69(IP69K)  IP20	design of the front ring	Standard	
General technical data  protection class IP  of the terminal  IP66, IP67, IP69(IP69K)  IP20	material of the front ring	plastic	
protection class IP IP66, IP67, IP69(IP69K)  ● of the terminal IP20	color of the front ring	black	
• of the terminal IP20	General technical data		
	protection class IP	IP66, IP67, IP69(IP69K)	
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	<ul> <li>of the terminal</li> </ul>	IP20	
		1 2 2 2D 4 4V 12 12	
shock resistance	degree of protection NEMA rating	1, 2, 3, 3K, 4, 4A, 12, 13	
• according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms		1, 2, 3, 3K, 4, 4A, 12, 13	
• for railway applications according to EN 61373 Category 1, Class B	shock resistance		
vibration resistance	shock resistance • according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms	
• according to IEC 60068-2-6 10 500 Hz: 5g	shock resistance  • according to IEC 60068-2-27  • for railway applications according to EN 61373	sinusoidal half-wave 15g / 11 ms	
• for railway applications according to EN 61373 Category 1, Class B	shock resistance	sinusoidal half-wave 15g / 11 ms Category 1, Class B	
operating frequency maximum 1 800 1/h	shock resistance	sinusoidal half-wave 15g / 11 ms Category 1, Class B 10 500 Hz: 5g	
mechanical service life (switching cycles) typical 1 000 000	shock resistance	sinusoidal half-wave 15g / 11 ms Category 1, Class B  10 500 Hz: 5g Category 1, Class B	
reference code according to IEC 81346-2	shock resistance	sinusoidal half-wave 15g / 11 ms Category 1, Class B  10 500 Hz: 5g Category 1, Class B 1 800 1/h	

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=3SU1000-4CF11-0AA0-Z Y12">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1000-4CF11-0AA0-Z Y12</a>

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-4CF11-0AA0-Z Y12

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-4CF11-0AA0-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=3SU1000-4CF11-0AA0-Z Y12&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1000-4CF11-0AA0-Z Y12&lang=en</a>

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