## SIEMENS

## Data sheet

## 3SU1050-4BL01-0AA0-Z Y15



RONIS key-operated switch, 22 mm, round, metal, shiny, lock number SB30, with 2 keys, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O, possible special locks: SB31, 421, 455, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product brand name         SIRUS ACT           product designation         Key-operated switches           design of the product         Actuating/signaling element           product type designation         3SU1           product line         Metal, shiny, 22 mm           manufacturer's article number of included key         3SU1950-DE80-0AA0           Actuator			
design of the product       Actuating/signaling element         product type designation       3SU1         product line       Metal, shiny, 22 mm         manufacturer's article number of included key       3SU1950-DE80-0AA0         Actuator       SU19         principle of operation of the actuating element       latching, 2x45° (10:30 h/12 h/13:30 h)         principle of operation of the actuating element       latching, 2x45° (10:30 h/12 h/13:30 h)         principle of the actuating element       No         color       of the actuating element         material of the actuating element       metal         shape of the actuating element       Key         outer diameter of the actuating element       Any inscription, text in upper/lower case, all words begin with upper case letters         number of switching positions       3         switch position for key distraction       O         actuating angle       45°         e clockwise       45°         lock make       RONIS         key number       SB300         Front ring       Yes         design of the front ring       Standard         material of the front ring       Standard         material of the front ring       Silver         Color       Silver	product brand name	SIRIUS ACT	
product type designation         3SU1           product line         Metal, shiny, 22 mm           manufacturer's article number of included key         3SU1950-0F880-0AAQ           Actuator	product designation	Key-operated switches	
product line         Metal, shiny, 22 mm           manufacturer's article number of included key         3SU1950-0F880-0AAQ           Actuator         Iatching, 2x45° (10:30 h/12 h/13:30 h)           principle of operation of the actuating element         Iatching, 2x45° (10:30 h/12 h/13:30 h)           product extension optional light source         No           color         of the actuating element         silver           material of the actuating element         key         outer diameter of the actuating element         Provide actuating element           outer diameter of the actuating element         Any inscription, text in upper/lower case, all words begin with upper case letters           number of switching positions         3         switch position for key distraction         O           actuating angle         45°         Outer diameter         SB30           Front ring         Standard         Metal, high gloss         Color of the front ring         Standard           genoral technical data         IP66, IP67, IP69(IP69K)         O         O         IP20           design of the front Remain         IP20         IP60, IP69, IP69	design of the product	Actuating/signaling element	
manufacturer's article number of included key         3SU1950-0FB80-0AA0           Actuator	product type designation	3SU1	
Actuator       principle of operation of the actuating element       latching, 2x45° (10:30 h/12 h/13:30 h)         product extension optional light source       No         color       No         • of the actuating element       silver         material of the actuating element       metal         shape of the actuating element       Z9.5 mm         marking of the actuating element       Any inscription, text in upper/lower case, all words begin with upper case letters         number of switching positions       3         switch position for key distraction       O         actuating angle       eleckwise         • clockwise       45°         • anticlockwise       45°         • bas0       Front ring         product component front ring       Yes         design of the front ring       Standard         material of the front ring       silver         General technical data       IP20         protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13	product line	Metal, shiny, 22 mm	
principle of operation of the actuating element         latching, 2x45° (10:30 h/12 h/13:30 h)           product extension optional light source         No           color         silver           material of the actuating element         silver           material 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 upper/lower case, all words begin with upper case letters           number of switching positions         3           switch position for key distraction         O           actuating angle         45°           • clockwise         45°           lock make         RONIS           key number         SB30           Front ring         Yes           design of the front ring         Yes           design of the front ring         Silver           General technical data         IP20           protection Class IP         IP20           of the terminal         IP20	manufacturer's article number of included key	<u>3SU1950-0FB80-0AA0</u>	
product extension optional light source       No         e of the actuating element       silver         material 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 upper/lower case, all words begin with upper case letters         number of switching positions       3         switch position for key distraction       O         actuating angle       45°         • clockwise       45°         • anticlockwise       8B30         Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, high gloss         color of the front ring       Iver         general technical data       Iver         protection class IP       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13	Actuator		
color       silver         material 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 upper/lower case, all words begin with upper case letters         number of switching positions       3         switch position for key distraction       O         actuating angle       45°         • clockwise       45°         • lock make       RONIS         key number       SB30         Front ring       Yes         product component front ring       Yes         color of the front ring       Standard         material of the front ring       silver         General technical data       IP20         protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13	principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)	
• of the actuating element       silver         material of the actuating element       metal         shape of the actuating element       29.5 mm         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text in upper/lower case, all words begin with upper case letters         number of switching positions       3         switch position for key distraction       O         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       RONIS         key number       SB30         Front ring       Yes         product component front ring       Yes         design of the front ring       Standard         material of the front ring       silver         General technical data       IP20         protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13	product extension optional light source	No	
material 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 upper/lower case, all words begin with upper case letters         number of switching positions       3         switch position for key distraction       O         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       RONIS         key number       SB30         Front ring       Yes         product component front ring       Yes         design of the front ring       Metal, high gloss         color of the front ring       silver         General technical data       IP66, IP67, IP69(IP69K)         protection class IP       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13	color		
shape of the actuating element       Key         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text in upper/lower case, all words begin with upper case letters         number of switching positions       3         switch position for key distraction       O         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       RONIS         key number       SB30         Front ring       Yes         gesign of the front ring       Yes         design of the front ring       Standard         material of the front ring       silver         General technical data       IP20         protection class IP       IP20         e of the terminal       IP20         designe of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13	of the actuating element	silver	
outer diameter of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text in upper/lower case, all words begin with upper case letters         number of switching positions       3         switch position for key distraction       O         actuating angle       45°         • clockwise       45°         lock make       RONIS         key number       SB30         Front ring       Yes         design of the front ring       Yes         design of the front ring       Metal, high gloss         color of the front ring       silver         General technical data       IP66, IP67, IP69(IP69K)         protection class IP       IP66, IP67, IP69(IP69K)         e 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       Any inscription, text in upper/lower case, all words begin with upper case letters         number of switching positions       3         switch position for key distraction       O         actuating angle       0         • clockwise       45°         • anticlockwise       45°         • anticlockwise       45°         lock make       RONIS         key number       SB30         Front ring       Yes         design of the front ring       Yes         design of the front ring       Standard         material of the front ring       silver         General technical data       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13	shape of the actuating element	Кеу	
case letters       number of switching positions     3       switch position for key distraction     O       actuating angle     45°       • clockwise     45°       • anticlockwise     45°       lock make     RONIS       key number     SB30       Front ring     Yes       product component front ring     Yes       design of the front ring     Standard       material of the front ring     Metal, high gloss       color of the front ring     silver       General technical data     IP66, IP67, IP69(IP69K)       • of the terminal     IP20       degree of protection NEMA rating     1, 2, 3, 3R, 4, 4X, 12, 13	outer diameter of the actuating element	29.5 mm	
switch position for key distraction       O         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       RONIS         key number       SB30         Front ring       Yes         gesign of the front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, high gloss         color of the front ring       silver         General technical data       IP66, IP67, IP69(IP69K)         of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13	marking of the actuating element		
actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       RONIS         key number       SB30         Front ring       Yes         design of the front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, high gloss         color of the front ring       silver         General technical data       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13	number of switching positions	3	
• clockwise       45°         • anticlockwise       45°         lock make       RONIS         key number       SB30         Front ring       Yes         design of the front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, high gloss         color of the front ring       silver         General technical data       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13	switch position for key distraction	0	
• anticlockwise45°lock makeRONISkey numberSB30Front ringYesproduct component front ringYesdesign of the front ringStandardmaterial of the front ringMetal, high glosscolor of the front ringsilverGeneral technical dataIP66, IP67, IP69(IP69K)• of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13	actuating angle		
lock makeRONISkey numberSB30Front ringYesproduct component front ringYesdesign of the front ringStandardmaterial of the front ringMetal, high glosscolor of the front ringsilverGeneral technical dataIP66, IP67, IP69(IP69K)• of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13	clockwise	45°	
key numberSB30Front ringYesproduct component front ringYesdesign of the front ringStandardmaterial of the front ringMetal, high glosscolor of the front ringsilverGeneral technical dataIP66, IP67, IP69(IP69K)• of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13	anticlockwise	45°	
Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, high gloss         color of the front ring       Metal, high gloss         color of the front ring       Silver         General technical data       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13	lock make	RONIS	
product component front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, high gloss         color of the front ring       silver         General technical data       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13	key number	SB30	
design of the front ring       Standard         material of the front ring       Metal, high gloss         color of the front ring       silver         General technical data       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13	Front ring		
material of the front ring       Metal, high gloss         color of the front ring       silver         General technical data       grotection class IP         • of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13	product component front ring	Yes	
color of the front ring     silver       General technical data     IP66, IP67, IP69(IP69K)       o of the terminal     IP20       degree of protection NEMA rating     1, 2, 3, 3R, 4, 4X, 12, 13	design of the front ring	Standard	
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	material of the front ring	Metal, high gloss	
protection class IPIP66, IP67, IP69(IP69K)• of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13	color of the front ring	silver	
• of the terminal     IP20       degree of protection NEMA rating     1, 2, 3, 3R, 4, 4X, 12, 13	General technical data		
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	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	shock resistance		
according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms	
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	
operating frequency maximum 1 800 1/h	operating frequency maximum	1 800 1/h	
mechanical service life (switching cycles) typical 300 000	mechanical service life (switching cycles) typical	300 000	
reference code according to IEC 81346-2 S	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		
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=3SU1050-4BL01-0AA0-Z Y15 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-4BL01-0AA0-Z Y15 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-4BL01-0AA0-Z Y15 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-4BL01-0AA0-Z Y15⟨=en		

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