## SIEMENS

## Data sheet

## 3SU1000-5PP01-0AA0-Z Y15



Key-operated switch BKS, 22 mm, round, plastic, lock number S1, with 2 keys, 3 switch positions I>O<II, momentary contact on the left, latching on the right, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product brain name         SIRUS AC1           product designation         Key-operated switches           design of the product         Actuating/signating element           product designation         3SU1           product designation         SSU150-0ED80-0AA0           Actuator         manufacturer's article number of included key           principle of operation of the actuating element         momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching           product extension optional light source         No           color         of the actuating element           shape of the actuating element         silver           material of the actuating element         Key           marking of the actuating element         29.5 mm           marking of the actuating element         29.5 mm           marking of the actuating element         29.5 mm           actuating angle         45°           • clockwise         45°           • anticlockwise         45°           • anticlockwise         45°           • clockwise         45°           • anticlockwise         45°           • anticlockwise         45°           • anticlockwise         45°           olock make         BCS <tr< th=""><th>needuct brand name</th><th></th></tr<>	needuct brand name	
design of the product       Actuating/signaling element         product Type designation       3SU1         product Time       Plastic, black, 22 mm         manufacturer's article number of included key       3SU1950-0FD80-0AAQ         Actuator       momentary contact/latching, 2x45" (10:30 h/12 h/13:30 h), return from left, right latching         principle of operation of the actuating element       momentary contact/latching, 2x45" (10:30 h/12 h/13:30 h), return from left, right latching         product extension optional light source       No         color       of the actuating element         shape of the actuating element       silver         material of the actuating element       Key         outer diameter of the actuating element       Ary 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"         otcok make       BCS         key number       Front ring         product component front ring       plastic         color of the front ring       plastic         color of the front ring       black         General tochnical data	product brand name	SIRIUS ACT
product type designation         3SU1           product line         Plastic, black, 22 mm           manufacturer's article number of included key         3SU1950-0FD8-0AQ0           Actuator         momentary contact/latching, 2x45" (10:30 h/12 h/13:30 h), return from left, right latching           principle of operation of the actuating element         momentary contact/latching, 2x45" (10:30 h/12 h/13:30 h), return from left, right latching           product extension optional light source         No           color         of the actuating element           material of the actuating element         Key           outer diameter of the actuating element         Z9.5 mm           marking of the actuating element         Any inscription, text in upper/lower case, all words begin with upper           number of switching positions         3           switch position for key distraction         O           actuating angle         45"           • clockwise         45"           • lockwise         45"           • clockwise         45"           product component front ring         Yes           genatic         Standard           material of the front ring         black           color of the front ring         IP86, IP67, IP69,IP69K)           of the ferminal         IP20		
product line       Plastic, black, 22 mm         manufacturer's article number of included key       3SUI950-0FD80-0AA0         Actuator       momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching         principle of operation of the actuating element       momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching         of the actuating element       silver         material of the actuating element       metal         shape of the actuating element       Xey         outer diameter of the actuating element       29.5 mm         material of the actuating element       29.5 mm         material of the actuating element       29.5 mm         material of the actuating element       29.5 mm         actuating angle       45°         e lockwise       45°         e lockwise       45°         e lockwise       45°         lock make       BCS         key number       S1         front ring       plastic         product component front ring       Ves         design of the front ring       black         color of the front ring       black         deereral technical data       IP20         degree of protecton NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13		
manufacturer's article number of included key         3SU1950-0FD80-0AAQ           Actuator         momentary contact/latching, 2x45" (10:30 h/12 h/13:30 h), return from left, right latching           principle of operation of the actuating element         momentary contact/latching, 2x45" (10:30 h/12 h/13:30 h), return from left, right latching           or of the actuating element         silver           material of the actuating element         metal           shape of the actuating element         Key           outer diameter of the actuating element         Z25. 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"           e lockwise         45"           e anticlockwise         45"           lock make         BCS           key number         S1           Front ring         Yes           product component front ring         Yes           design of the front ring         S1           color of the front ring         IP86, IP67, IP69(IP69K)           e of the terminal         IP20           design of the terminal         IP20           desi		
Actuator       momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching         product extension optional light source       No         color       of the actuating element         material of the actuating element       silver         material 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°         • actickwise       55°         lock make       BCS         key number       S1         product component front ring       Yes         design of the front ring       plastic         color of the front ring       black         General technical data       IP20         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       • cacording to EC 60068-2-87         • according to EC 60068-2-65       10 500 H2: 5g     <		
principle of operation of the actuating element         momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching           product extension optional light source         No           color         of the actuating element           material 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         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°           eletters         45°           inck make         BCS           key number         S1           Front ring         Yes           design of the front ring         Yes           design of the front ring         Diack           General technical data         IP20           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           shock resistance         sinusoidal half-wave 15g / 11 ms           e for railway applications according to ER	manufacturer's article number of included key	<u>3SU1950-0FD80-0AA0</u>
Ieff, right låtching     Ieff, right låtching       product extension optional light source     No       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     3       number of switching positions     3       switch position for key distraction     O       actuating angle     45°       • anticlockwise     45°       lock make     BCS       key number     S1       Front ring     Product component front ring       product component front ring     Standard       material of the front ring     plastic       color of the front ring     plastic       color of the front ring     plastic       color of the front ring     lock       degree of protection NEMA rating     1, 2, 3, 3R, 4, 4X, 12, 13       shock resistance     sinusoidal half-wave 15g / 11 ms       e for railway applications according to EN 61373     Category 1, Class B	Actuator	
color       • 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       45°         • anticlockwise       45°         lock make       BCS         key number       S1         Front ring       Yes         design of the front ring       Yes         design of the front ring       black         General technical data       IP20         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       • according to IEC 60068-2-27         • according to IEC 60068-2-65       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	principle of operation of the actuating element	
• 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       45°         • lock make       BCS         key number       S1         Front ring       Yes         design of the front ring       plastic         color of the front ring       plastic         color of the front ring       black         General technical data       IP20         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       Category 1, Class B         vibration resistance       • according to EC 60068-2-6         • for railway applications according to EN 61373       Category 1, Class B	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       29.5 mm         number of switching positions       3         switch position for key distraction       0         actuating angle       0         • clockwise       45°         • anticlockwise       45°         • anticlockwise       45°         lock make       BCS         key number       S1         Front ring       Font ring         product component front ring       Standard         material of the front ring       plastic         color of the front ring       black         General technical data       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	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       BCS         key number       S1         Front ring       Yes         design of the front ring       Standard         material of the front ring       plastic         color of the front ring       black         General technical data       IP20         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       sinusoidal half-wave 15g / 11 ms         • according to IEC 60068-2-27       sinusoidal half-wave 15g / 11 ms         • 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 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       BCS         key number       S1         Front ring       Yes         design of the front ring       Standard         material of the front ring       plastic         color of the front ring       black         General technical data       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms         • 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       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	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       45°         • clockwise       45°         • anticlockwise       45°         lock make       BCS         key number       S1         Front ring       Yes         gesign of the front ring       Standard         material of the front ring       plastic         color of the front ring       black         General technical data       IP20         gere of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       i according to IEC 60068-2-27         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       i according to IEC 60068-2-6         • for railway applications according to EN 61373       Category 1, Class B	shape of the actuating element	Кеу
number of switching positions       3         switch position for key distraction       0         actuating angle       0         e clockwise       45°         e anticlockwise       45°         lock make       BCS         key number       S1         Front ring       Yes         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       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms         • according to IEC 60068-2-27       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B	outer diameter of the actuating element	29.5 mm
switch position for key distraction       O         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       BCS         key number       S1         Front ring       Yes         design of the front ring       plastic         color of the front ring       plastic         color of the front ring       black         General technical data       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       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         • for railway applications according to EN 61373       Category 1, Class B	marking of the actuating element	
actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       BCS         key number       S1         Front ring       Yes         design of the front ring       Standard         material of the front ring       plastic         color of the front ring       black         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         shock resistance       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	number of switching positions	3
• clockwise       45°         • anticlockwise       45°         lock make       BCS         key number       S1         Front ring       Yes         design of the front ring       Standard         material of the front ring       plastic         color of the front ring       black         General technical data       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms         • according to IEC 60068-2-27       sinusoidal half-wave 15g / 11 ms         • according to IEC 60068-2-6       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	switch position for key distraction	0
• anticlockwise       45°         lock make       BCS         key number       S1         Front ring       Yes         design of the front ring       Standard         material of the front ring       plastic         color of the front ring       black         General technical data       IP20         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       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       10 500 Hz: 5g         • according to IEC 60068-2-6       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	actuating angle	
lock makeBCSkey numberS1Front ringproduct component front ringproduct component front ringYesdesign of the front ringStandardmaterial of the front ringplasticcolor of the front ringblackGeneral technical dataIP66, IP67, IP69(IP69K)of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistancesinusoidal half-wave 15g / 11 msof or railway applications according to EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5gof or railway applications according to EN 61373Category 1, Class B	clockwise	45°
key number       S1         Front ring       Yes         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       IP66, IP67, IP69(IP69K)         of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       isinusoidal half-wave 15g / 11 ms         of or railway applications according to EN 61373       Category 1, Class B         vibration resistance       i according to IEC 60068-2-6         of or railway applications according to EN 61373       Category 1, Class B	anticlockwise	45°
Front ring       Yes         design of the front ring       Standard         material of the front ring       plastic         color of the front ring       black         General technical data       IP66, IP67, IP69(IP69K)         of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms         of or railway applications according to EN 61373       Category 1, Class B         vibration resistance       10 500 Hz: 5g         of or railway applications according to EN 61373       Category 1, Class B	lock make	BCS
product component front ringYesdesign of the front ringStandardmaterial of the front ringplasticcolor of the front ringblackGeneral technical dataprotection class IPIP66, IP67, IP69(IP69K)• of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistancesinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class B	key number	S1
design of the front ring       Standard         material of the front ring       plastic         color of the front ring       black         General technical data       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       inusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       inusoidal half-starge         • according to IEC 60068-2-6       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	Front ring	
material of the front ringplasticcolor of the front ringblackGeneral technical dataprotection class IPIP66, IP67, IP69(IP69K)• of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• according to IEC 60068-2-27• for railway applications according to EN 61373Category 1, Class Bvibration resistance• according to IEC 60068-2-6• for railway applications according to EN 61373Category 1, Class B	product component front ring	Yes
color of the front ringblackGeneral technical dataIP66, IP67, IP69(IP69K)o of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistanceInstantiono according to IEC 60068-2-27sinusoidal half-wave 15g / 11 mso for railway applications according to EN 61373Category 1, Class Bvibration resistanceI0 500 Hz: 5go for railway applications according to EN 61373Category 1, Class B	design of the front ring	Standard
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       • according to IEC 60068-2-27         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	material of the front ring	plastic
protection class IPIP66, IP67, IP69(IP69K)• of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistanceaccording to IEC 60068-2-27• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistanceaccording to IEC 60068-2-6• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class B	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          • 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       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	General technical data	
degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistancesinusoidal half-wave 15g / 11 ms• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class B	protection class IP	IP66, IP67, IP69(IP69K)
shock resistance         • according to IEC 60068-2-27         • 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         Category 1, Class B         • for railway applications according to EN 61373         Category 1, Class B	of the terminal	IP20
e 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     e 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 Category 1, Class B      ibration resistance         e 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 60068-2-6</li> <li>for railway applications according to EN 61373</li> <li>Category 1, Class B</li> </ul>	<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
e according to IEC 60068-2-6 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
for railway applications according to EN 61373     Category 1, Class B	vibration resistance	
for railway applications according to EN 61373     Category 1, Class B	<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g
	C C	

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		
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	56.3 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=3SU1000-5PP01-0AA0-Z Y15 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-5PP01-0AA0-Z Y15		

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-5PP01-0AA0-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=3SU1000-5PP01-0AA0-Z Y15&lang=en

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