SIEMENS

Data sheet

3SU1050-5PL11-0AA0-Z Y19



Key-operated switch BKS, 22 mm, round, metal, shiny, lock number S1, 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 brain name SIRIUS ACT product disgination Key-operated switches design of the product Actualing/signaling element product disgination 3SU1 product disgination SU1950-0FD80-0AAQ Actuator stuffscore principle of operation of the actuating element latching. 2x45° (10:30 h/12 h/13:30 h) product detension optional light source No color of the actuating element e of the actuating element silver material of the actuating element Key outer diameter of the actuating element Key outer diameter of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration for key distraction O+HII actuating angle 45° e actockwise 45° e anticlockwise 45° e actockwise 45° front ring Yes design of the front ring Silver general technical data product component front ring giver Sinusoidal haif-wave 15g / 11 ms vibration resistance according to IEC 80068-2-87 <			
design of the product Actuating/signaling element product type designation 3SU1 product time Metal, shiny, 22 mm manufacturer's article number of included key 2SU1950-0FD80-0AA0 Actuator principle of operation of the actuating element principle of operation of the actuating element latching, 2x45" (10:30 h/12 h/13:30 h) product extension optional light source 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 or symbol, can only be ordered via SIRIUS ACT configuration/Configuration Identification Number (CIN) mumber of switching positions switch position for key distraction O+I+II actuating angle 45° • clockwise 45° lock make BCS key number S1 product component front ring Standard material of the front ring Standard color of the front ring Silver design of the front ring IP66, IP67, IP89(IP69K) e octording to IEC 60008-2-27 sinusoidal half	product brand name	SIRIUS ACT	
product type designation 3SU1 product line Metal, shiny, 22 mm manufacturer's article number of included key 3SU1950-0FD80-0AA0 Actuator 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 operation of the actuating element latching, 2x45" (10:30 h/12 h/13:30 h) order of the actuating element metal shape 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 Ary inscription, text or symbol, can only be ordered via SIRIUS ACT outer diameter of the actuating element Ary inscription identification Number (CIN) number of switching positions 3 switch position for key distraction OHHII actuating angle elockwise elockwise 45" eanticlockwise 45" font ring Yes gdesign of the front ring Standard matorial of the front ring Standard	product designation	Key-operated switches	
product line Metal, shiny, 22 mm manufacturer's article number of included key 3SU1950-0FD80-0AAQ Actuator principle of operation of the actuating element latching, 2x45° (10:30 h/12 h/13:30 h) product extension optional light source No • of the actuating element silver material of the actuating element silver material of the actuating element Key outer diameter of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configurator/Configuration Identification Number (CIN) 3 switch position for key distraction O+I+II actuating angle 45° • elockwise 45° • anticlockwise 45° Iook make BCS key number S1 Front ring Yes product component front ring Standard material of the front ring Standard color of the front ring Silver General technical data IP20 protection class IP IP66, IP67, IP69(IP69K) • according to IEC 60068-2-6 10 500 Hz: 5g • according to IEC 60068-2-6 10 500 Hz: 5g • according to IEC 60068-2-6 10 500 Hz: 5g • according to IEC 60068-2-6 10	design of the product	Actuating/signaling element	
manufacturer's article number of included key 3SU1950-0FD80-0AAQ Actuator principle of operation of the actuating element latching, 2x45" (10:30 h/12 h/13:30 h) product extension optional light source No No color of the actuating element silver material of the actuating element metal sshape of the actuating element shape of the actuating element Rey outer diameter of the actuating element marking of the actuating element Ary inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions 3 switch position for key distraction O+I+II actuating angle 45° • clockwise 45° • anticlockwise 45° lock make BCS key number Standard material of the front ring Yes design of the front ring Standard material of the front ring IP20 eareral technical data IP20 product component front ring IP20 design of the front ring IP20 <th>product type designation</th> <th>3SU1</th>	product type designation	3SU1	
Actuator principle of operation of the actuating element latching, 2x45° (10:30 h/12 h/13:30 h) principle of operation optional light source No 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 or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions 3 switch position for key distraction O+I+II actuating angle 45° • endiclockwise 45° endiclockwise 45° lock make BCS key number S1 Front ring Yes design of the front ring Standard material of the front ring Standard of the front ring Standard of the terminal IP20 design of the front ring IP20 of the terminal IP20 desere of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • accor	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 o of the actuating element silver material of the actuating element metal shape of the actuating element Key outer diameter of the actuating element Avy inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions 3 switch position for key distraction O+H-II actuating angle 45° e lockwise 45° e anticlockwise BCS key number S1 Front ring Yes design of the front ring Yes design of the front ring Silver General tochnical data IP20 production NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms e.according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	manufacturer's article number of included key	<u>3SU1950-0FD80-0AA0</u>	
product extension optional light source No color silver material of the actuating element metal shape of the actuating element metal shape of the actuating element 29.5 mm marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configurator	Actuator		
color silver • 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 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 3 switch position for key distraction O-H+II actuating angle 45° • clockwise 45° • anticlockwise 45° • anticlockwise 45° / ockewise 45° • anticlockwise 9 product component front ring Yes design of the front ring Standard material of the front ring silver General technical data 1P20 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 60068-2-65 • according to IEC 60068-2-65 10 500 Hz: 5g operating frequency maximum	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 Key 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 45° • clockwise 45° • anticlockwise 45° lock make BCS key number S1 Front ring Yes product component front ring Standard material of the front ring Silver General technical data IP20 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 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	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 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 0 • clockwise 45° • anticlockwise 45° • anticlockwise 45° Iock make BCS key number S1 Front ring Yes design of the front ring Standard material of the front ring Standard 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 vibration resistance according to IEC 60068-2-6 • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h	color		
shape of the actuating element Key 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 configurator/Configuration Identification Number (CIN) number of switching positions 3 switch position for key distraction O+I+II 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 Standard 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 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	 of the actuating element 	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 configurator/Configurator/Configurator/Configuration Identification Number (CIN) number of switching positions 3 switch position for key distraction O+I+II actuating angle 45° • clockwise 45° • anticlockwise 45° lock make BCS key number S1 Front ring Yes design of the front ring Yes design of the front ring Standard material of the front ring silver 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 vibration resistance according to IEC 60068-2-6 • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h	material of the actuating element	metal	
marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configurator/Configuration Identification Number (CIN) number of switching positions 3 switch position for key distraction O+I+III 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 Metal, high gloss color of the front ring silver General technical data IP20 protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-27 • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	shape of the actuating element	Key	
number of switching positions 3 switch position for key distraction O+I+II actuating angle 0 • clockwise 45° • 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 Silver General technical data IP20 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 vibration resistance 1 800 1/h mechanical service life (switching cycles) typical 300 000	outer diameter of the actuating element	29.5 mm	
switch position for key distraction O+I+II 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 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 shock resistance • according to IEC 60068-2-27 • isourdig to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	marking of the actuating element		
actuating angle 45° • clockwise 45° • anticlockwise 45° lock make BCS key number S1 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 shock resistance • according to IEC 60068-2-27 • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	number of switching positions	3	
• clockwise 45° • 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 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 shock resistance sinusoidal half-wave 15g / 11 ms • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance 10 500 Hz: 5g • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	switch position for key distraction	O+I+II	
• anticlockwise 45° lock make BCS key number S1 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) 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 vibration resistance - • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	actuating angle		
lock makeBCSkey numberS1Front ringproduct component front ringproduct 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, 13shock resistancesinusoidal half-wave 15g / 11 msvibration resistanceaccording to IEC 60068-2-27operating frequency maximum1 800 1/hmechanical service life (switching cycles) typical300 000	clockwise	45°	
key number S1 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 protection class IP 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 vibration resistance - • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	anticlockwise	45°	
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) 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 vibration resistance 0 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	lock make	BCS	
product component front ringYesdesign of the front ringStandardmaterial of the front ringMetal, high glosscolor of the front ringsilverGeneral 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• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 msvibration resistance10 500 Hz: 5goperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical300 000	key number	S1	
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 shock resistance sinusoidal half-wave 15g / 11 ms • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance - • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	Front ring		
material of the front ringMetal, high glosscolor of the front ringsilverGeneral 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 60068-2-27sinusoidal half-wave 15g / 11 msvibration resistance• according to IEC 60068-2-610 500 Hz: 5goperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical300 000	product component front ring	Yes	
color of the front ringsilverGeneral technical dataIP66, IP67, IP69(IP69K)o of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistanceImage: Silver• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 msvibration resistanceImage: Silver• according to IEC 60068-2-610 500 Hz: 5goperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical300 000	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 • according to IEC 60068-2-26 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	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, 13shock resistancesinusoidal half-wave 15g / 11 ms• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 msvibration resistance• according to IEC 60068-2-610 500 Hz: 5goperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical300 000	color of the front ring	silver	
• 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 • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance inusoidal half-wave 15g / 11 ms • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	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 msvibration resistance10 500 Hz: 5g• according to IEC 60068-2-610 500 Hz: 5g• operating frequency maximum1 800 1/hmechanical service life (switching cycles) typical300 000	protection class IP	IP66, IP67, IP69(IP69K)	
shock resistance sinusoidal half-wave 15g / 11 ms • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance 10 500 Hz: 5g • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	 of the terminal 	IP20	
e according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance e according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
vibration resistance 10 500 Hz: 5g • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	shock resistance		
• according to IEC 60068-2-610 500 Hz: 5goperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical300 000	 according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms	
operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	vibration resistance		
mechanical service life (switching cycles) typical 300 000	according to IEC 60068-2-6	10 500 Hz: 5g	
	operating frequency maximum	1 800 1/h	
reference code according to IEC 81346-2 S	mechanical service life (switching cycles) typical	300 000	
	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=3SU1050-5PL11-0AA0-Z Y19	
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5PL11-0AA0-Z Y19	
Service&Support (Manuals, Certificates, Characteristics, https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-	
Image database (product images, 2D dimension drawing	s, 3D models, device circuit diagrams, EPLAN macros,)

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5PL11-0AA0-Z Y19&lang=en

last modified:

1/26/2022 🖸