## SIEMENS

## Data sheet

## 3SU1030-5XM01-0AA0-Z Y19



Key-operated switch IKON, 22 mm, round, plastic with metal front ring, lock number 360012K1, with 2 keys, 3 switch positions I>O<II, momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

product brand name         SIRIUS ACT           product designation         Key-operated switches           design of the product         Actualing/signaling element           product line         Plastic with metal front ring, matt, 22 mm           manufacturer's article number of included key         3SU1950-OFR0-0A/0           Actuator         momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides           principle of operation of the actuating element         momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides           product extension optional light source         No           color         outer diameter of the actuating element           material of the actuating element         Key           outer diameter of the actuating element         Xey           outer diameter of the actuating element         Any inscription, text or symbol, can only be ordered via SIRIUS ACT           number of switching positions         3         switch position for key distraction           o         actuating angle         45°           e anticlockwise         45°           fort ring         Yes           design of the front ring         Standard           material of the front ring         Standard           design of the front ring         Standard           gradet be front ring <t< th=""><th></th><th></th></t<>		
design of the product       Actuating/signaling element         product type designation       3SU1         product time       Plastic with metal front ring, matt, 22 mm         manufacturer's article number of included key       3SU1950-0FR80-0AA0         Actuator       assure that the second of the actuating element         principle of operation of the actuating element       momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides         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         configurator/Configuration lobentification Number (CIN)       number of switching positions         switch position for key distraction       O         actuating angle       45°         • anticlockwise       45°         • anticlockwise       45°         • anticlockwise       45°         • anticlockwise       45°         • of the front ring       Standard         material of the front ring       Standard         color of the front ring       Standard         general technical data	product brand name	SIRIUS ACT
product type designation         3SU1           product line         Plastic with metal front ring, matt, 22 mm           manufacturer's article number of included key         3SU1950-0FR80-0AAQ           Actuator         momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides           principle of operation of the actuating element         momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides           oclor         • 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         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         0           actuating angle         45°           • alcokowise         45°	product designation	Key-operated switches
product line         Plastic with metal front ring, matt, 22 mm           manufacturer's article number of included key         3SU1950-OFR80-QAAQ           Actuator         momentary contact, 2x45" (10:30 h/12 h/13:30 h), return on both sides           principle of operation of the actuating element         momentary contact, 2x45" (10:30 h/12 h/13:30 h), return on both sides           product extension optional light source         No           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/Configuration Identification Number (CIN)           number of switching positions         3           switch position for key distraction         O           actuating angle         45°           e lockwise         45°           i e lockwise         45°           lock make         ICON           key number         360012K1           Front ring         Yes           gdaign of the front ring         Standard           material of the front ring         Metal, matt           color of the front ring         IP66, IP67, IP69(IP69K)           of the terminal         IP20           degree of protection NEMA rating         1, 2,	design of the product	Actuating/signaling element
manufacturer's article number of included key         3SU1950-0FR80-0AAQ           Actuator         momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides           principle of operation of the actuating element         momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides           product extension optional light source         No           color         of the actuating element           material of the actuating element         metal           shape 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           assistic position for key distraction         0           actuating angle         45°           elockwise         45°           iockwise         45°           iockwise         45°           iockwise         45°           general technical data         general technical data           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         eacording to IEC 60068-2-6         inusoidal half-wave 15g / 11 ms           e for railway applications according to EN 61373         Category 1,	product type designation	3SU1
Actuator       momentary contact, 2x45" (10:30 h/12 h/13:30 h), return on both sides         principle of operation of the actuating element       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         actuating angle       45"         e anticlockwise       45"         lock make       ICON         key number       380012K1         Front ring       Yes         gdesign of the front ring       Yes         design of the front ring       Standard         material of the front ring       Standard         product component front ring       IP20         olor of the front ring       IP20         design of the terminal       IP20         e for railway applications according to EN 61373       Category 1, Class B         vibration resistance       eaccording to EC 60068-2-8       10 500 Hz: 5g	product line	Plastic with metal front ring, matt, 22 mm
principle of operation of the actuating element         momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides           product extension optional light source         No           o of the actuating element         silver           material of the actuating element         Key           outer diameter of the actuating element         Key           marking of the actuating element         Key           marking of the actuating element         Avy inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configurator	manufacturer's article number of included key	<u>3SU1950-0FR80-0AA0</u>
product extension optional light source       No         • 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         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         • anticlockwise       45°         • anticlockwise       45°         • clockwise       45°         • anticlockwise       1CON         key number       360012K1         Front ring       Yes         design of the front ring       Standard         material of the front ring       sand gray         General tochnical data       IP20         protection class IP       IP26         • of the terminal       IP20         • according to IEC 60068-2-27       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B <th>Actuator</th> <th></th>	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 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         actuating angle       45°         e olcokwise       45°         i anticlockwise       45°         lock make       ICON         key number       360012K1         Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         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       eaccording to IEC 60068-2-27         e according to IEC 60068-2-6       10 500 Hz: 5g         of the zot trailway applications according to EN 61373       Cate	principle of operation of the actuating element	momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides
• 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       0         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       ICON         key number       360012K1         Front ring       Yes         gdesign of the front ring       Standard         material of the front ring       Standard         color of the front ring       sand gray         General technical data       IP20         protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       • according to EN 61373         • 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       Any inscription, text or symbol, can only be ordered via SIRIUS ACT         number of switching positions       3         switch position for key distraction       O         actuating angle       e. clockwise         e. clockwise       45°         i onck make       ICON         key number       360012K1         Front ring       Yes         design of the front ring       Standard         material of the front ring       Standard         material of the front ring       Standard         general technical data       IP20         general technical data       IP20         general technical data       IP20         general technical to NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms         e for railway applications according to EC 60088-2-27       sinusoidal half-wave 15g / 11 ms         e for railway applications according to EN 61373       Category 1, Class B	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         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       ICON         key number       360012K1         Front ring       Yes         general tochnical data       ICON         material of the front ring       Standard         material of the front ring       Standard         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         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       ion usoidal half-wave 15g / 11 ms         • according to IEC 60068-2-6       10 500 Hz: 5g         • for railway applications accor	<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 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         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       ICON         key number       360012K1         Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         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         • for rallway applications according to EN 61373       Category 1, Class B         vibration resistance       • according to IEC 60068-2-6         • for rallway applications according to EN 61373       Category 1, Class B	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/Instruction Number (CIN)         number of switching positions       3         switch position for key distraction       0         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       ICON         key number       360012k1         Front ring       Yes         design of the front ring       Yes         design of the front ring       Standard         material of the front ring       Standard         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         • 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	shape of the actuating element	Кеу
number of switching positions       3         switch position for key distraction       0         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       ICON         key number       360012K1         Front ring       Yes         product component front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         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       ICON         key number       360012K1         Front ring       Yes         design of the front ring       Yes         design of the front ring       Metal, matt         color of the front ring       sand gray         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         • 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	marking of the actuating element	
actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       ICON         key number       360012K1         Front ring       Yes         product component front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         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         • 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       ICON         key number       360012K1         Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         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         • for railway applications according to EN 61373       Category 1, Class B	switch position for key distraction	0
• anticlockwise       45°         lock make       ICON         key number       360012K1         Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         General technical data       IP20         protection class IP       IP20         e 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 make       ICON         key number       360012K1         Front ring       product component front ring         gesign of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         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       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	clockwise	45°
key number       360012K1         Front ring       Yes         product component front ring       Standard         design of the front ring       Metal, matt         color of the front ring       sand gray         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         • according to IEC 60068-2-6       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	anticlockwise	45°
Front ring       Yes         gesign of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         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 trailway 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	ICON
product component front ringYesdesign of the front ringStandardmaterial of the front ringMetal, mattcolor of the front ringsand grayGeneral 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 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	360012K1
Jestition of the front ringStandardmaterial of the front ringMetal, mattcolor of the front ringsand grayGeneral technical dataprotection class IPIP66, IP67, IP69(IP69K)• of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistanceinusoidal 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 resistance	Front ring	
material of the front ringMetal, mattcolor of the front ringsand grayGeneral 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 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	product component front ring	Yes
color of the front ringsand grayGeneral technical dataIP66, IP67, IP69(IP69K)o of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistancesinusoidal half-wave 15g / 11 mso for railway applications according to EN 61373Category 1, Class Bvibration resistance10 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       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         • 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	Metal, matt
protection class IPIP66, IP67, IP69(IP69K)• of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance	color of the front ring	sand gray
• 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         • 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       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       according to IEC 60068-2-6         • according to IEC 60068-2-6       10 500 Hz: 5g         • 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         vibration resistance	shock resistance	
vibration resistance       • according to IEC 60068-2-6       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	<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	
	<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g
operating frequency maximum 1 800 1/h	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
	operating frequency maximum	1 800 1/h

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	
<ul> <li>during operation</li> </ul>	-25 +70 °C
<ul> <li>during storage</li> </ul>	-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	56.2 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	
Cax online generator http://support.automation.siemens.com/WW/CAXorder/defau	It aspx?lang=en&mlfh=3SU1030-5XM01-0AA0-7 Y19

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5XM01-0AA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5XM01-0AA0-Z Y19

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1030-5XM01-0AA0-Z Y19&lang=en

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