## SIEMENS

## Data sheet

## 3SU1030-4GN01-0AA0-Z Y11



Key-operated switch O.M.R, 22 mm, round, plastic with metal front ring, lock number 73038, blue, with 2 keys, 3 switch positions I-O<II, left latching, right momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O, with laser labeling, upper case

product brand name         SIRUS ACT           product designation         Key-operated switches           design of the product         Actuating signaling element           product type designation         3SU1           product line         Plastic with metal front ring, matt, 22 mm           manufacturer's article number of included key         3SU1950-0FJ50-0AAQ           Actuatior         principle of operation of the actuating element           principle of operation of the actuating element         latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching           of the actuating element         blue         blue           of the actuating element         blue         metal           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 case         number of switching positions         3           switch position for key distraction         O         catuating angle         45°           e clockwise         45°         45°         45°           e anticlockwise         45°         45°         45°           foot make         O.M.R.         450         45°           edesign of the front ring         Yes         Yes			
design of the product       Actuating/signaling element         product type designation       3SU1         product line       Plastic with metal front ring, matt, 22 mm         manufacturer's article number of included key       3SU1950-0FJ50-0AA0         Actuator       Iatching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching         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 in upper case         number of switching positions       3         switch position for key distraction       O         actuating angle       45°         • cilcokwise       45°         • lock make       O.M.R.         key number       73038         product component front ring       Standard         material of the front ring       Standard         general technical data       IP66, IP67, IP69(IP69K)         protection class IP       IP66, IP67, IP69(IP69K)         • of railway applications according to EN 61373       Category 1, Class B	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         2SU1950-OF.J50-OA.00           Actuator         Inching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching           principle of operation of the actuating element         Inching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching           product extension optional light source         No           color         No           e of the actuating element         metal           shape of the actuating element         Mathematical           material 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         O           actuating angle         45°           e lockwise         45°           e anticlockwise         45°           foot from tring         Yes           design of the front ring         Yes           design of the front ring         Standard           material of the front ring         Standard           material of the front ring         IP66, IP67, IP69(IP69K)           e of the term	product designation	Key-operated switches	
Product line         Plastic with metal front ring, matt, 22 mm           manufacturer's article number of included key         3SU1950-0FJ50-0AA0           Actuator         principle of operation of the actuating element           principle of operation of the actuating element         latching/momentary contact, 2x45* (10:30 h/12 h/13:30 h), return from right, left latching           product extension optional light source         No           color         of the actuating element           material of the actuating element         blue           material of the actuating element         29.5 mm           number of switching positions         3           switch position for key distraction         O           actuating angle         45°           e actockwise         45°           e anticlockwise         45°           foot full         Standard           product component front ring         Yes           product component front ring         Standard           gaing of the front ring         Yes           product condones IP         IP66, IP67, IP69(IP69K)           e of choice 31P         IP66, IP67, IP69(IP69K)           e of the terminal         IP20           design of the front ring         Sandard           gand gray         General tochnical data <th>design of the product</th> <th>Actuating/signaling element</th>	design of the product	Actuating/signaling element	
manufacturer's article number of included key         3SU1950-0FJ50-0AAQ           Actuator         principle of operation of the actuating element         latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching           product extension optional light source         No           color         of the actuating element         blue           material of the actuating element         blue         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 case         number of switching positions         3           switch position for key distraction         O         actuating angle         45°           • clockwise         45°         45°         6           lock make         O.M.R.         Key number         73038           front ring         Yes         design of the front ring         Metal, matt           color of the front ring         Sand gray         General technical data           protection class IP         IP66, IP67, IP69(IP69K)         in the terminal           ecording to IEC 60068-2-87         sinusoidal half-wave 15g / 11 ms         category 1, Class B           vibration resistance         according to IEC 60068-2-6         10 50	product type designation	3SU1	
Actuator       principle of operation of the actuating element       latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching         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 in upper case         number of switching positions       3         switch position for key distraction       O         actuating angle       45°         • enticlockwise       45°         • enticlockwise       45°         • enticlockwise       45°         • front ring       Yes         gesign of the front ring       Yes         design of the front ring       Standard         material of the front ring       Standard         product component front ring       Metal, matt         color of the front ring       IP20         deer of protection NEMA rating       IP20         degree of protection NEMA rating       IP20         degree of protection NEMA rating       IP20         degree of protection NEMA rating       Category 1, Class B         vibration resistance       eaccording t	product line	Plastic with metal front ring, matt, 22 mm	
principle of operation of the actuating element         latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching           product extension optional light source         No           color         of the actuating element           material of the actuating element         blue           shape of the actuating element         Key           outer diameter of the actuating element         Any inscription, text in upper case           number of switching positions         3           switch position for key distraction         O           actuating angle         45°           e lockwise         45°           e anticlockwise         0M.R.           key number         73038           Front ring         Yes           design of the front ring         Yes           design of the front ring         Metal, matt           color of the front ring         Sand gray           e according to IEC 60068-2-27         sinusoidal half-wave 15g / 11 ms           e for railway applications according to EN 61373         Category 1, Class B	manufacturer's article number of included key	<u>3SU1950-0FJ50-0AA0</u>	
right, left latching     right, left latching       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     29.5 mm       marking of the actuating element     Any inscription, text in upper case       number of switching positions     3       switch position for key distraction     O       actuating angle     45°       • clockwise     45°       • anticlockwise     45°       icockwise     45°       product component 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       offerent tesistance     in L2, 3, 3R, 4, 4X, 12, 13       shock resistance     sinusoidal haft-wave 15g / 11 ms       • for railway applications according to EN 61373     Category 1, Class B	Actuator		
important optiming       No         color       blue         material of the actuating element       metal         shape of the actuating element       29.5 mm         marking of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text in upper case         number of switching positions       3         switch position for key distraction       O         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       O.M.R.         key number       73038         Front ring       Yes         product component front ring       Standard         material of the front ring       Standard         material of the front ring       Standard         color of the front ring       IP26         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 60068-2-67         o according to IEC 60068-2-66       10 500 Hz: 5g         of the rating to EN 61373       Category 1, Class B	principle of operation of the actuating element		
• of the actuating element     blue       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 case       number of switching positions     3       switch position for key distraction     O       actuating angle     45°       • clockwise     45°       • otick make     O.M.R.       key number     73038       Front ring     Yes       gdesign of the front ring     Yes       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       • according to IEC 60068-2-27     sinusoidal half-wave 15g / 11 ms       • 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 in upper case         number of switching positions       3         switch position for key distraction       O         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       O.M.R.         key number       73038         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       IP20         degree of protection NEMA rating       I, 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	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 case         number of switching positions       3         switch position for key distraction       O         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       O.M.R.         key number       73038         Front ring       yes         product component front ring       Yes         design of the front ring       Standard         material 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 IEC 60068-2-27         e for railway applications according to EN 61373       Category 1, Class B         vibration resistance       10 500 Hz: 5g         e according to IEC 60068-2-6       10 500 Hz: 5g         e for railway applications according to EN 61373       Category 1, Class B	<ul> <li>of the actuating element</li> </ul>	blue	
outer diameter of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text in upper case         number of switching positions       3         switch position for key distraction       O         actuating angle       0         e clockwise       45°         ock make       O.M.R.         key number       73038         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       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       eaccording to IEC 60068-2-27         is unsoidal half-wave 15g / 11 ms       Category 1, Class B         vibration resistance       0         e according to IEC 60068-2-6       10 500 Hz: 5g         e 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 case         number of switching positions       3         switch position for key distraction       O         actuating angle       0         • clockwise       45°         • lock make       O.M.R.         key number       73038         Front ring       Yes         product component front ring       Standard         material of the front ring       Metal, matt         color of the front ring       Metal, matt         color 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       O         actuating angle          • clockwise       45°         • anticlockwise       45°         lock make       O.M.R.         key number       73038         Front ring       Yes         product component front ring       Yes         design of the front ring       Standard         material of the front ring       Standard         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         • 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	outer diameter of the actuating element	29.5 mm	
switch position for key distraction       O         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       O.M.R.         key number       73038         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 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	Any inscription, text in upper case	
actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       O.M.R.         key number       73038         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         • 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       O.M.R.         key number       73038         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         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         • 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       O.M.R.         key number       73038         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         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	actuating angle		
lock makeO.M.R.key number73038Front ringYesproduct component front ringYesdesign of the front ringStandardmaterial of the front ringMetal, mattcolor of the front ringsand grayGeneral 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 railway applications according to EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5gof railway applications according to EN 61373Category 1, Class B	clockwise	45°	
key number       73038         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)         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       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       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 the resistance       in category 1, Class B         vibration resistance       10 500 Hz: 5g         of or railway applications according to EN 61373       Category 1, Class B	lock make	O.M.R.	
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 resistance• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class B	key number	73038	
design of the front ringStandardmaterial of the front ringMetal, mattcolor of the front ringsand grayGeneral 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 the railway applications according to EN 61373Category 1, Class Bvibration resistanceof the C 60068-2-6of cr railway applications according to EN 61373Category 1, Class B	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       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       inusoidal 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	<ul> <li>of the terminal</li> </ul>	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       0         • 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	
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	51.7 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=3SU1030-4GN01-0AA0-Z Y11	
Cax online generator http://support.automation.siemens.com/WW/CAXorder/defau	Ilt.aspx?lang=en&mlfb=3SU1030-4GN01-0AA0-Z Y11

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-4GN01-0AA0-Z Y11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1030-4GN01-0AA0-Z Y11&lang=en

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