## **SIEMENS**

## **Data sheet**



Key-operated switch O.M.R, 22 mm, round, plastic with metal front ring, lock number 73033, yellow, with 2 keys, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, Key removal I+O+II, Z=50-unit packaging

product designation design of the product ye designation product type designation product type designation product type designation product line manufacturer's article number of included key Actuator  principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element wetal shape of the actuating element yellow material of the actuating element shape of the actuating element yellow yellow material of the actuating element yellow outer diameter of the actuating element yellow	product brand name	SIRIUS ACT
design of the product product type designation product line product line product line plastic with metal front ring, matt, 22 mm product line principle of operation of the actuating element principle of operation of the actuating element product extension optional light source of the actuating element  of the actuating element shape of the actuating element pumber of switching positions switch position for key distraction actuating angle clockwise anticlockwise anticlockwise anticlockwise design of the front ring design of the front ring design of the front ring sand gray  General tochnical data protection Less IP of trailway applications according to EN 61373 operating frequency maximum product esservice life (switching oycles) typical  Actuating sulfa front ring late in the front ring category 1, class B operating frequency maximum assulf in the front ring category 1, class B operating frequency maximum assulf in the front ring category 1, class B operating frequency maximum assulf in the front ring category 1, class B operating frequency maximum assulf in the front ring category 1, class B operating frequency maximum assulf in the front ring category 1, class B operating frequency maximum assulf in the front ring category 1, class B operating frequency maximum assulf in the front ring category 1, class B operating frequency maximum assulf in the front ring category 1, class B operating frequency maximum assulf in the front ring category 1, class B operating frequency maximum assulf front ring category 1, class B operating frequency maximum assulf front ring 1, 2, 3, 3R, 4, 4K, 12, 13 and the front ring category 1, class B operating frequency maximum assulf front ring 1, 2, 3, 3R, 4, 4K, 12, 13 and the front ring category 1, class B operating frequency maximum assulf front ring 1, 2, 2, 3, 2, 4, 4K, 12, 13 and the front ring 2, 2, 3, 2, 4, 4K, 12, 13 and the front ring 2, 2, 3, 2, 4, 4K, 12, 13 and the front ring 2, 2, 3, 2, 4, 4K, 12, 13 and the front ring 2, 2, 3, 2, 4, 4K, 12, 13 and the front ring 2, 2, 3		Key-operated switches
product type designation product line Plastic with metal front ring, matt, 22 mm manufacturer's article number of included key  Actuator  principle of operation of the actuating element product extension optional light source of the actuating element material of the actuating element shape of the actuating element weter diameter of the actuating element number of switching positions switch position for key distraction actuating angle clockwise anticlockwise anticlockwise ook make No.  OM.R.  key number  Toosas  Front ring product component front ring design of the front ring material of the front ring material of the front ring degree of protection NEMA rating protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of or rallway applications according to EN 61373 operating frequency maximum color of the for all ring metal in front ring category 1, Class B operating frequency maximum mechanical service life (switching cycles) typical		
product line		
manufacturer's article number of included key  Actuator  principle of operation of the actuating element product extension optional light source color		Plastic with metal front ring, matt, 22 mm
Actuator  principle of operation of the actuating element product extension optional light source color  • of the actuating element material of the actuating element shape of the actuating element yellow material of the actuating element shape of the actuating element yellow material of the actuating element xey outer diameter of the actuating element number of switching positions 3 switch position for key distraction actuating angle elockwise anticlockwise fook make Actuating angle yellow actuating angle elockwise anticlockwise Afs* lock make Actuating angle product component front ring design of the front ring fook for front ring Actuation of the front ring fool of the front ring color of the front ring fool of the front ring fool of the front ring for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 /h mechanical service life (switching cycles) typical	•	
product extension optional light source color of the actuating element material of the actuating element shape of the actuating element shape of the actuating element weyllow material of the actuating element shape of the actuating element yellow guter diameter of yellow yellow guter diameter diameter of the actuating element yellow guter diameter of the actuating element yellow guter diameter of the actuating element yellow guter diameter diameter of the guter diameter diam	·	
color  • of the actuating element material of the actuating element shape of the actuating element number of switching positions  switch position for key distraction actuating angle • clockwise • anticlockwise • anticlockwise lock make  key number  product component front ring gesign of the front ring material of the front ring material of the front ring material of the front ring color of the front ring protection class IP • of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373  operating frequency maximum rechanical service life (switching cycles) typical  metal service Meay metal skey metal sk	principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)
of the actuating element     material of the actuating element     shape of the actuating element	product extension optional light source	No
material of the actuating element shape of the actuating element switch position for key distraction OHHI actuating angle clockwise shape of the fork element olockwise shape of the front ring oloment front ring for a first front ring shape of the front ring general technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 for railway applications according to EN 61373 operating frequency maximum nechanical service life (switching cycles) typical oHHII oHHII oHHII shape of the dement of the food of the f	color	
shape of the actuating element outer diameter of the actuating element number of switching positions switch position for key distraction actuating angle clockwise defined and switching element of the actuating angle clockwise defined and switching element of the front ring product component front ring design of the front ring material of the front ring design of the front ring material of the front ring general technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-7 for railway applications according to EN 61373 operating frequency maximum rechanical service life (switching cycles) typical  1 800 1/h mechanical service life (switching cycles) typical	<ul> <li>of the actuating element</li> </ul>	yellow
outer diameter of the actuating element     29.5 mm       number of switching positions     3       switch position for key distraction     O+I+II       actuating angle     6 clockwise       6 clockwise     45°       9 anticlockwise     45°       lock make     O.M.R.       key number     73033       Front ring       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       protection class IP       9 of the terminal     IP20       degree of protection NEMA rating     1, 2, 3, 3R, 4, 4X, 12, 13       shock resistance     9 according to IEC 60068-2-27     sinusoidal half-wave 15g / 11 ms       9 for railway applications according to EN 61373     Category 1, Class B       vibration resistance     10 500 Hz: 5g       9 according to IEC 60068-2-6     10 500 Hz: 5g       9 for railway applications according to EN 61373     Category 1, Class B       operating frequency maximum     1 800 1/h       mechanical service life (switching cycles) typical     1 000 000	material of the actuating element	metal
number of switching positions switch position for key distraction  actuating angle clockwise 45° anticlockwise A5° lock make Key number 73033  Front ring product component front ring design of the front ring material of the front ring color of the front ring sand gray  General technical data protection class IP of the terminal liP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 operating frequency maximum rechanical service life (switching cycles) typical  policy with the switching service life (switching cycles) typical  O+I+II  45° A5° A5° A5° A5° A5° A5° A5° A5° A5° A	shape of the actuating element	Key
switch position for key distraction  actuating angle  clockwise anticlockwise 45° O.M.R.  key number 73033  Front ring product component front ring design of the front ring material of the front ring material of the front ring Sand gray  General technical data  protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373  operating frequency maximum rechanical service life (switching cycles) typical  1 50° A.S.  45° A5° A5° A5° A5° A5° A5° A5° A5° A5° A	outer diameter of the actuating element	29.5 mm
actuating angle	number of switching positions	3
clockwise     anticlockwise     d5°     anticlockwise     lock make         O.M.R.     key number     73033  Front ring  product component front ring     yes     design of the front ring     material of the front ring     sand gray  General technical data  protection class IP     of the terminal     degree of protection NEMA rating     shock resistance     according to IEC 60068-2-27     of or railway applications according to EN 61373  operating frequency maximum     1800 1/h  mechanical service life (switching cycles) typical      O.M.R.     45°     45°     45°     45°     A5°     A5°     A5°     A58     A68	switch position for key distraction	O+I+II
onticlockwise     lock make     lock make     key number     73033  Front ring  product component front ring     design of the front ring     material of the front ring     material of the front ring     material of the front ring     sand gray  General technical data  protection class IP     of the terminal     legeo of protection NEMA rating     shock resistance     oaccording to IEC 60068-2-27     ofor railway applications according to EN 61373  vibration resistance     oaccording to IEC 60068-2-6     ofor railway applications according to EN 61373  operating frequency maximum     1 800 1/h  mechanical service life (switching cycles) typical  OM. M.R.  Veau  O.M.R.  O.M.B.  O.M.R.  O.M.  O.M.R.  O.M.  O.M.R.  O.M.	actuating angle	
lock make key number 73033  Front ring product component front ring yes design of the front ring Metal, matt color of the front ring sand gray  General technical data protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance of railway applications according to EN 61373 vibration resistance operating frequency maximum 1800 1/h mechanical service life (switching cycles) typical 10. M.R. Res Substitution (M.R. Standard Metal, matt Stand	• clockwise	45°
Front ring  product component front ring  design of the front ring  material of the front ring  Color of the front ring  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  of railway applications according to EN 61373  vibration resistance  oeracording to IEC 60068-2-6  of railway applications according to EN 61373  category 1, Class B  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical	<ul> <li>anticlockwise</li> </ul>	45°
product component front ring  design of the front ring  material of the front ring  color of the front ring  general technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-27  for railway applications according to EN 61373  vibration resistance  according to IEC 60068-2-6  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  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical	lock make	O.M.R.
product component front ring  design of the front ring  material of the front ring  Color of the front ring  Standard  Metal, matt  sand gray  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  • according to IEC 60068-2-27  of or railway applications according to EN 61373  vibration resistance  • according to IEC 60068-2-6  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  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical	key number	73033
design of the front ring  material of the front ring  Color of the front ring  Sand gray  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-27  for railway applications according to EN 61373  vibration resistance  according to IEC 60068-2-6  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  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  1 000 000	Front ring	
material of the front ring  color of the front ring  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-27  of or railway applications according to EN 61373  vibration resistance  according to IEC 60068-2-6  of ror railway applications according to EN 61373  category 1, Class B  vibration resistance  of ror railway applications according to EN 61373  category 1, Class B  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  1 000 000	product component front ring	Yes
color of the front ring  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-27  of railway applications according to EN 61373  vibration resistance  according to IEC 60068-2-6  of railway applications according to EN 61373  category 1, Class B  vibration resistance  of railway applications according to EN 61373  category 1, Class B  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  1 000 000	design of the front ring	Standard
protection class IP	material of the front ring	Metal, matt
protection class IP  of the terminal  lp20  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  of according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  of railway applications according to EN 61373  category 1, Class B  vibration resistance  of according to IEC 60068-2-6  of railway applications according to EN 61373  category 1, Class B  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  1 000 000	color of the front ring	sand gray
● of the terminal  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  ● according to IEC 60068-2-6 10 500 Hz: 5g  ● for railway applications according to EN 61373 Category 1, Class B  operating frequency maximum 1 800 1/h  mechanical service life (switching cycles) typical 1 000 000	General technical data	
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  • according to IEC 60068-2-6 10 500 Hz: 5g  • for railway applications according to EN 61373 Category 1, Class B  operating frequency maximum 1 800 1/h  mechanical service life (switching cycles) typical 1 000 000	protection class IP	IP66, IP67, IP69(IP69K)
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  • according to IEC 60068-2-6 10 500 Hz: 5g  • for railway applications according to EN 61373 Category 1, Class B  operating frequency maximum 1 800 1/h  mechanical service life (switching cycles) typical 1 000 000	<ul> <li>of the terminal</li> </ul>	IP20
<ul> <li>according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms</li> <li>for railway applications according to EN 61373 Category 1, Class B</li> <li>vibration resistance</li> <li>according to IEC 60068-2-6 10 500 Hz: 5g</li> <li>for railway applications according to EN 61373 Category 1, Class B</li> <li>operating frequency maximum 1 800 1/h</li> <li>mechanical service life (switching cycles) typical 1 000 000</li> </ul>	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
<ul> <li>for railway applications according to EN 61373</li> <li>Vibration resistance</li> <li>according to IEC 60068-2-6</li> <li>for railway applications according to EN 61373</li> <li>Category 1, Class B</li> <li>for railway applications according to EN 61373</li> <li>Category 1, Class B</li> <li>operating frequency maximum</li> <li>1 800 1/h</li> <li>mechanical service life (switching cycles) typical</li> <li>1 000 000</li> </ul>	shock resistance	
vibration resistance	<ul><li>according to IEC 60068-2-27</li></ul>	sinusoidal half-wave 15g / 11 ms
<ul> <li>according to IEC 60068-2-6</li> <li>for railway applications according to EN 61373</li> <li>Category 1, Class B</li> <li>operating frequency maximum</li> <li>mechanical service life (switching cycles) typical</li> <li>1 000 000</li> </ul>	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
<ul> <li>◆ for railway applications according to EN 61373</li> <li>Category 1, Class B</li> <li>operating frequency maximum</li> <li>1 800 1/h</li> <li>mechanical service life (switching cycles) typical</li> <li>1 000 000</li> </ul>	vibration resistance	
operating frequency maximum     1 800 1/h       mechanical service life (switching cycles) typical     1 000 000	<ul><li>according to IEC 60068-2-6</li></ul>	10 500 Hz: 5g
mechanical service life (switching cycles) typical 1 000 000	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
, <u> </u>	operating frequency maximum	1 800 1/h
reference code according to IEC 81346-2	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
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	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

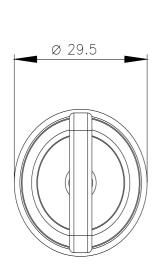
Industry Mall (Online ordering system)
<a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1030-4JL11-0AA0-Z X90">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1030-4JL11-0AA0-Z X90</a>

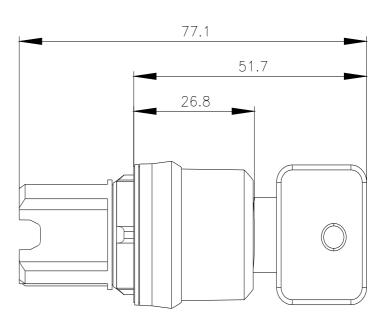
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-4JL11-0AA0-Z X90

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-4JL11-0AA0-Z X90

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1030-4JL11-0AA0-Z X90&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1030-4JL11-0AA0-Z X90&lang=en</a>





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