## **SIEMENS**

## **Data sheet**



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, latching, actuating angle 2x45°, 10:30h/12h/13:30h, Key removal I+O+II, Z=50-unit packaging

product designation design of the product product type designation product type designation product type designation product tine manufacturer's article number of included key  Actuator  principle of operation of the actuating element product type designation product extension optional light source color  of the actuating element material of the actuating element material of the actuating element shape of the actuating element material of the actuating element wetal shape of the actuating element shape of the actuating element product extension optional light source color  of the actuating element wetal shape of the actuating element shape of the actuating element wetal shape of the actuating element yetal shape of the actuating element wetal shape of the actuating element yetal wetal shape of the actuating element yetal wetal shape of the actuating element yetal wetal yetal yet	product brand name	SIRIUS ACT
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 color of the actuating element material of the actuating element shape of the actuating element very diameter of the actuating element number of switching positions switch position for key distraction actuating angle clockwise anticlockwise oanticlockwise lock make key number  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 for rallway applications according to EN 61373 Category 1, Class B operating frequency maximum metal and refused in the control of the protection of the for according to EN 61373 Category 1, Class B operating frequency maximum metal and only a Sun Onto mechanical service life (switching cycles) typical 1 00 0000	product designation	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 color of the actuating element material of the actuating element shape of the actuating element very diameter of the actuating element number of switching positions switch position for key distraction actuating angle clockwise anticlockwise oanticlockwise lock make key number  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 for rallway applications according to EN 61373 Category 1, Class B operating frequency maximum metal and refused in the control of the protection of the for according to EN 61373 Category 1, Class B operating frequency maximum metal and only a Sun Onto mechanical service life (switching cycles) typical 1 00 0000	design of the product	Actuating/signaling element
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  shape of the actuating element  shape of the actuating element  shape of the actuating element  shape of the actuating element  shape of the actuating element  shape of the actuating element  shape of the actuating element  clock wise elockwise entickwise entickwi		
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 with position for key distraction actuating angle • clockwise • anticlockwise 10ck make key number  Front ring product component front ring design of the front ring actuating of the front ring design of the front ring color of the front ring design of the front ring design of the front ring color of the front ring design of the front ring for 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 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 operating frequency maximum procedance of the fine of the front ring operating frequency maximum procedanced service life (switching cycles) typical  1 000 000	product line	Plastic with metal front ring, matt, 22 mm
principle of operation of the actuating element product extension optional light source  color  of the actuating element blue material of the actuating element shape of the actuating element number of switching positions switch position for key distraction actuating angle olockwise anticlockwise anticlockwise olock make No M.R. key number product component front ring product component front ring 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 60068-2-6 of or railway applications according to EN 61373 operating frequency maximum mechanical service life (switching cycles) typical  blue metal blue metal key metal should metal should metal should should should metal should sh	manufacturer's article number of included key	3SU1950-0FJ50-0AA0
product extension optional light source  color  • of the actuating element  material of the actuating element  shape of the actuating element  cour diameter of the actuating element  number of switching positions  switch position for key distraction  actuating angle  • clockwise  • anticlockwise  • anticlockwise  • anticlockwise  iock make  co.M.R.  key number  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 60068-2-7  • for railway applications according to EN 61373  vibration resistance  • according to IEC 60068-2-6  • for railway applications according to EN 61373  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical	Actuator	
color  • of the actuating element material of the actuating element shape of the actuating element shape of the actuating element mumber of switching positions switch position for key distraction actuating angle • clockwise • anticlockwise   45° • anticlockwise   45°   anticlockwise   45°   anticlockwise   45°   of the front ring   yes   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   peg of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373   operating frequency maximum   nechanical service life (switching cycles) typical   one to the protection of the protection of the front ring   1000 000   1000 0	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     couter diameter of the actuating positions     a switch position for key distraction     actuating angle     clockwise     anticlockwise     anticlockwise     lock make     key number  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     of or railway applications according to EN 61373     operating frequency maximum     nechanical service life (switching cycles) typical     design of the front resistance     our case IP     of or railway applications according to EN 61373     operating frequency maximum     1 800 1/h     mechanical service life (switching cycles) typical     1000 000  O ++III     Asy     Asy     Asy     Asy     Asy     Asy     Asy     Asy     Category 1, Class B     operating frequency maximum     1 800 1/h     mechanical service life (switching cycles) typical     10 000 000	product extension optional light source	No
material of the actuating element shape of the actuating element Ney outer diameter of the actuating element number of switching positions switch position for key distraction outstaing angle clockwise defined and the first ring element of switching positions  outstaing angle clockwise defined and the first ring element outstaing angle clockwise defined and the first ring front ring product component front ring design of the front ring material of the front ring design 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 60068-2-7 for railway applications according to EN 61373 operating frequency maximum rechanical service life (switching cycles) typical  mechanical service life (switching cycles) typical	color	
shape of the actuating element outer diameter of the actuating element number of switching positions switch position for key distraction actuating angle clockwise anticlockwise anticlockwise O.M.R. key number 73038  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 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 operating frequency maximum nechanical service life (switching cycles) typical  Key OH-III OH-	<ul> <li>of the actuating element</li> </ul>	blue
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       e anticlockwise     45°       lock make     O.M.R.       key number     73038       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     IP66, IP67, IP69(IP69K)       e of the terminal     IP20       degree of protection NEMA rating     1, 2, 3, 3R, 4, 4X, 12, 13       shock resistance     according to IEC 60068-2-27     sinusoidal half-wave 15g / 11 ms       e for railway applications according to EN 61373     Category 1, Class B       vibration resistance     according to IEC 60068-2-6     10 500 Hz: 5g       e 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	shape of the actuating element	Key
switch position for key distraction  actuating angle  clockwise  anticlockwise  A5°  Anticlockwise  A5°  Colk make  O.M.R.  key number  Front ring  product component front ring  design of the front ring  material of the front ring  Standard  material of the front ring  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-27  for railway applications according to EN 61373  operating frequency maximum  nechanical service life (switching cycles) typical  o M.R.  45°  45°  45°  45°  45°  45°  45°  45	outer diameter of the actuating element	29.5 mm
actuating angle	number of switching positions	3
e clockwise e anticlockwise 45° lock make O.M.R. key number 73038  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 degree of protection NEMA rating shock resistance e according to IEC 60068-2-27 of or railway applications according to EN 61373 operating frequency maximum echanical service life (switching cycles) typical  0 O.M.R. 45° 45° 45° 45° 45° 46° 46° 489  Also Also Also Also Also Also Also Als	switch position for key distraction	O+I+II
• anticlockwise  lock make  O.M.R.  key number  73038  Front ring  product component front ring  design of the front ring  material of the front ring  Metal, matt  color of the front ring  sand gray  General technical data  protection class IP  of the terminal  lego  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 railway applications according to EN 61373  category 1, Class B  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  O.M.R.  Association  O.M.R.  O.M.R.  O.M.R.  Association  Association  O.M.R.  Association  Association  O.M.R.  O.M.R.  Association  O.M.R.  Association  O.M.R.  O.M.R.  Association  O.M.R.  O.M.R.  O.M.R.  Association  O.M.R.  O.M.  O.M.	actuating angle	
lock make key number 73038  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 of the terminal IP20 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 ofor railway applications according to EN 61373 Category 1, Class B  vibration resistance of according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1800 1/h mechanical service life (switching cycles) typical 1000 000	• clockwise	45°
Front ring   Yes	<ul><li>anticlockwise</li></ul>	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  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	73038
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 sand gray  General technical data  protection class IP of the terminal degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of railway applications according to EN 61373  vibration resistance of according to IEC 60068-2-6 of ror railway applications according to EN 61373  category 1, Class B  vibration resistance of according to IEC 60068-2-6 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  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  for railway applications according to EN 61373  category 1, Class B  vibration resistance  10 500 Hz: 5g  of or railway applications according to EN 61373  category 1, Class B  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical	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>1 800 1/h</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
, J J J J J J J J J J J J J J J J J J J	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=3SU1030-4GL11-0AA0-Z X90">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1030-4GL11-0AA0-Z X90</a>

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-4GL11-0AA0-Z X90

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-4GL11-0AA0-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=3SU1030-4GL11-0AA0-Z X90&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1030-4GL11-0AA0-Z X90&lang=en</a>

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