## **SIEMENS**

## **Data sheet**



Key-operated switch O.M.R, 22 mm, round, plastic, lock number 73034, black, with 2 keys, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O, with laser labeling, upper case

product designation design of the product 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 sliver material of the actuating element shape of the actuating element shape of the actuating element Arking of the actuating element number of switching positions switch position for key distraction actuating angle clockwise anticlockwise okey number  Front ring product component front ring design of the front ring product component front ring design of the front ring plastic color of the front ring degree of protection NEMA rating shock resistance a coronal product one of the remains and product one of the ring sinusoidal half-wave 15g / 11 ms Category 1, Class B operating frequency maximum 1 800 //h mechanical service life (switching cycles) typical	product brand name	SIRIUS ACT
product type designation product line Plastic, black, 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 marking of the actuating element Any inscription, text in upper case number of switching positions switch position for key distraction actuating angle olockwise anticokowise and olockwise and olockwi	product designation	Key-operated switches
product line manufacturer's article number of included key  Actuator  Principle of operation of the actuating element product extension optional light source of the actuating element silver material of the actuating element shape of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in upper case number of switching positions switch position for key distraction actuating angle olockwise anticlockwise anticlockwise olock make O.M.R. key number  Front ring product component front ring design of the front ring material of the front ring glastic color of the front ring General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of rarialway applications according to EN 61373 operating frequency maximum  1 800 1/h  Passible 10-0-0-0-10-0-10-0-10-0-10-0-10-0-10-0	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  of the actuating element material of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element Any inscription, text in upper case marking of the actuating element Any inscription, text in upper case number of switching positions switch position for key distraction actuating angle electowise anticlockwise anticlockwise block make O.M.R. key number 73034  Front ring product component front ring design of the front ring plastic color of the front ring color of the front ring black  General technical data protection class IP of the terminal liP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of rarilway applications according to EN 61373 vibration resistance  according to IEC 60068-2-6 of rarilway applications according to EN 61373 Category 1, Class B operating frequency maximum  1 800 1/h	product type designation	3SU1
Actuator principle of operation of the actuating element product extension optional light source of the actuating element material of the actuating element silver material of the actuating element shape of the actuating element with actuating element shape of the actuating element shape of the actuating element Any inscription, text in upper case number of switching positions switch position for key distraction octuating angle clockwise clockwise shape octuating element Any inscription, text in upper case number of switching positions switch position for key distraction octuating angle clockwise Afs anticlockwise Afs shape of the front ring forth front ring forth front ring forth front ring forth front ring fooler front front front plastic color of the front ring fooler front front front plastic color of the front ring foreral technical data protection class IP of the terminal for the terminal forth front ring for element for railway applications according to EN 61373 vibration resistance exaccording to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B operating frequency maximum  latching, 2x45° (10:30 h/12 h/13:30 h) No  material of the actuating element metal silver metal silver metal silver metal silver metal silver metal stating, 2x45° (10:30 h/12 h/13:30 h) No  No  Out diameter of the actuating element silver metal silver met	product line	Plastic, black, 22 mm
principle of operation of the actuating element product extension optional light source  color  of the actuating element silver material of the actuating element shape of the actuating element marking of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in upper case number of switching positions switch position for key distraction actuating angle clockwise santiclockwise of anticlockwise of the front ring of anticlockwise of anticlockwise of anticlockwise of anticlockwise of anticlockwise of anticlockwise of the front ring of anticlockwise of the	manufacturer's article number of included key	3SU1950-0FL10-0AA0
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 marking of the actuating element marking of the actuating selement marking of the actuating positions 3 switch position for key distraction actuating angle • clockwise • anticlockwise • anticlockwise • anticlockwise  • anticlockwise  front ring product component front ring design of the front ring material 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 60068-2-6 • for railway applications according to EN 61373  operating frequency maximum  No  Metal  silver metal silver metal silver metal special speci	Actuator	
color  • of the actuating element material of the actuating element shape of the actuating element shape of the actuating element weep outer diameter of the actuating element marking of the actuating element arking of the actuating element Any inscription, text in upper case number of switching positions 3 switch position for key distraction o actuating angle • clockwise 45° • anticlockwise 45° lock make O.M.R. key number 73034  Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring color of the front ring black  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  silver  metal  selvey  48°  45°  60 actuating angle  45°  60 ac	principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)
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 clockwise 45° anticlockwise 45° anticlockwise 45° lock make O.M.R. key number 73034 Front ring product component front ring Yes design of the front ring plastic color of the front ring black General technical data protection class IP of the terminal P20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-6 of railway applications according to EN 61373 outer 1800 outer 1800 category 1, Class B outer 1800 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	product extension optional light source	No
material of the actuating element shape of the actuating element well shape of the actuating element outer diameter of the actuating element narking of the actuating element number of switching positions switch position for key distraction octuating angle oclockwise anticlockwise anticlockwise onticlockwise onticlockwise other ing product component front ring design of the front ring material of the front ring protection class IP of the terminal degree of protection NEMA rating shock resistance occording to IEC 60068-2-27 of for railway applications according to EN 61373 operating frequency maximum  metal  key pound 29.5 mm metal 8ey position 29.5 mm metal 29.5 mm  product case in upper case  45°  0.M.R. 25° 45° 0.M.R. 25° 0.M	color	
shape of the actuating element  outer diameter of the actuating element  marking of the actuating element  number of switching positions  switch position for key distraction  octuating angle  oclockwise  anticlockwise  ometic and the second product component front ring  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  occording to IEC 60068-2-6  of railway applications according to EN 61373  operating frequency maximum  Key  Any inscription, text in upper case  Any inscription, tex	<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 in upper case       number of switching positions     3       switch position for key distraction     0       actuating angle     45°       e clockwise     45°       e anticlockwise     45°       lock make     O.M.R.       key number     73034       Front ring     Yes       design of the front ring     Standard       material of the front ring     plastic       color of the front ring     black       General technical data     IP20       for 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     10 500 Hz: 5g       e for railway applications according to EN 61373     Category 1, Class B       operating frequency maximum     1 800 1/h	material of the actuating element	metal
marking of the actuating element number of switching positions switch position for key distraction o actuating angle e clockwise e anticlockwise front ring product component front ring design 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 e according to IEC 60068-2-27 e for railway applications according to EN 61373 operating frequency maximum  Any inscription, text in upper case  3 Any inscription, text in upper case  45°  0 Color of key distraction O Aux.  45°  45°  0 Aux.  45°  45°  0 Aux.  45°  45°  45°  45°  45°  45°  45°  45	shape of the actuating element	Key
number of switching positions  switch position for key distraction  actuating angle  • clockwise  • anticlockwise  • anticlockwise  lock make  key number  73034  Front ring  product component front ring  design 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 60068-2-27  • for railway applications according to EN 61373  operating frequency maximum  store  0  0  0  0  0  0  0  0  0  0  0  0  0	outer diameter of the actuating element	29.5 mm
switch position for key distraction  actuating angle  • clockwise  • anticlockwise  45°  O.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  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  0.  45°  45°  45°  45°  45°  45°  45°  45	marking of the actuating element	Any inscription, text in upper case
actuating angle  • clockwise • anticlockwise  • anticlockwise  Iock make  O.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  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  1 800 1/h  45°  45°  45°  45°  45°  45°  45°  45	number of switching positions	3
oclockwise     onticlockwise     onticlockw	switch position for key distraction	0
o anticlockwise  lock make  O.M.R.  key number  73034  Front ring  product component front ring  design 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  o according to IEC 60068-2-27  of or railway applications according to EN 61373  operating frequency maximum  45°  O.M.R.  73034  Front ring  Yes  Standard  plastic  pl	actuating angle	
lock make key number 73034  Front ring product component front ring design of the front ring material of the front ring color of the front ring plastic color of the front ring black  General technical data protection class IP of the terminal leg20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 operating frequency maximum  O.M.R.  Yes  Standard plastic black  IP66, IP67, IP69(IP69K) IP20 IP20 IP20 IP20 IP20 IP20 IP20 IP20	• clockwise	45°
Front ring   Yes	<ul><li>anticlockwise</li></ul>	45°
product component front ring  design of the front ring  material of the front ring  plastic  color of the front ring  General technical data  protection class IP  of the terminal  lP20  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  operating frequency maximum  yes  Yes  Standard  Ples  HP66, IP67, IP69(IP69K)  IP20  IP20  IP20  IP20  Sinusoidal half-wave 15g / 11 ms  Category 1, Class B  Category 1, Class B	lock make	O.M.R.
product component front ring  design of the front ring  material of the front ring  color of the front ring  plastic  black  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  operating frequency maximum  Yes  Standard  Plastic  Standard  Plastic  Plastic  IP66, IP67, IP69(IP69K)  IP20  IP20  IP20  Sinusoidal half-wave 15g / 11 ms  Category 1, Class B  Category 1, Class B	key number	73034
design of the front ring material of the front ring plastic color of the front ring black  General technical data  protection class IP of the terminal of the	Front ring	
material of the front ring  color of the front ring  black  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-27  in 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	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  oaccording to IEC 60068-2-27  of tor railway applications according to EN 61373  vibration resistance  oaccording to IEC 60068-2-6  of railway applications according to EN 61373  category 1, Class B  vibration resistance  oaccording to IEC 60068-2-6  of railway applications according to EN 61373  category 1, Class B  operating frequency maximum  1 800 1/h	design of the front ring	Standard
protection class IP	material of the front ring	plastic
protection class IP	color of the front ring	black
● 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  Output on railway applications according to EN 61373  vibration resistance  ● according to IEC 60068-2-6  ● according to IEC 60068-2-6  of or railway applications according to EN 61373  Category 1, Class B  category 1, Class B  Departing frequency maximum  1 800 1/h	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	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	of the terminal	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> </ul>	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
for railway applications according to EN 61373      vibration resistance	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>operating frequency maximum</li> <li>10 500 Hz: 5g</li> <li>Category 1, Class B</li> <li>1 800 1/h</li> </ul>	<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  operating frequency maximum 1 800 1/h	vibration resistance	
operating frequency maximum 1 800 1/h	<ul><li>according to IEC 60068-2-6</li></ul>	10 500 Hz: 5g
The state of the s	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
mechanical service life (switching cycles) typical 1 000 000	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
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)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1000-4HL01-0AA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-4HL01-0AA0-Z Y11

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-4HL01-0AA0-Z Y11

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=3SU1000-4HL01-0AA0-Z Y11&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1000-4HL01-0AA0-Z Y11&lang=en</a>

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