## **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 I+O+II, 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 shape of the actuating element Any inscription, text in upper case number of switching positions 3 switch position for key distraction actuating angle clockwise anticlockwise anticlockwise (bok make 0 M.R. key number  Front ring product component front ring design of the front ring design of the front ring design of the front ring plastic color of the front ring degree of protection NEMA rating shock resistance a coording to IEC 60068-2-6 a for rallway applications according to EN 61373 operating frequency maximum 1 800 //h 1 80	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 of the actuating element material of the actuating element shape of the actuating element material of the actuating element shape of the actuating element marking of the actuating pelement marking of the actuating element marking of the actuating element actuating angle elockwise enableckwise enabl	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 shape 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 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 design of the front ring foor actuating plastic color of the front ring glastic general technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of ratiway applications according to EN 61373 operating frequency maximum  1 800 1/h  1 800 1/h  1 800 1/h  1 800 1/h	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 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 electockwise anticlockwise olock make O.M.R.  Front ring product component front ring design of the front ring design of the front ring color of the front ring plastic color of the front ring disack  General technical data protection class IP of the terminal liP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-67 of railway 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 shape of the 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 actuating angle clockwise shape of the actuating element actuating angle clockwise shape of the actuating element actuating angle clockwise shape of the actuating element actuating angle clockwise shape shape of the actuating element actuating angle clockwise shape shape of the actuating element actuating angle clockwise shape shape of the for the growth actuation and the shape of the shape o	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 solickwise olick make O.M.R. key number Tao334  Front ring product component front ring design of the front ring material of the front ring material of the front ring color of the front ring for the terminal protection class IP of the terminal degree of protection NEMA rating shock resistance elector according to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B  overating frequency maximum  listching, 2x45° (10:30 h/12 h/13:30 h) No	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 marking of the actuating element marking of the actuating positions aswitch position for key distraction actuating angle oclockwise anticlockwise anticlockwise anticlockwise front ring product component front ring material of the front ring material of the front ring protect on class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of railway applications according to EN 61373 output for the silver product cess of the front resistance according to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B  vibration resistance according to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B  output product cess IP of the terminal category 1, Class B output product cess IP of crailway applications according to EN 61373 Category 1, Class B  output product cess IP of crailway applications according to EN 61373 Category 1, Class B  output product cess IP of crailway applications according to EN 61373 Category 1, Class B  output product cess IP of railway applications according to EN 61373 Category 1, Class B  output product cess IP of category 1, Class B  output product cess IP of category 1, Class B  output product cess IP of category 1, Class B  output product cess IP of category 1, Class B  output product cess IP of category 1, Class B  output product cess IP of category 1, Class B  output product cess IP of category 1, Class B  output product cess IP of category 1, Class B  output product cess IP of category 1, Class B  output product cess IP of category 1, Class B  output product cess IP of category 1, Class B  output product cess IP of category 1, Class B	Actuator	
color  • 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+H+II actuating angle • clockwise 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 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 operating frequency maximum 18000000000000000000000000000000000000	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 marking of the actuating element marking of the actuating element number of switching positions switch position for key distraction actuating angle clockwise ation clockwise ation outer diameter of the actuating element number of switching positions  switch position for key distraction actuating angle clockwise ation outer diameter of the actuating element Any inscription, text in upper case  number of switching positions  switch position for key distraction actuating angle clockwise ation outer diameter of the actuating element Any inscription, text in upper case  ation outer diameter of switching positions  actuating angle clockwise ation actuating angle clockwise ation actuating angle clockwise ation actuating angle action actuating alement Any inscription, text in upper case ation outer diameter of switching angle ation actuating angle action actuating alement Any inscription, text in upper case action diameter of switching angle action diameter of switching	product extension optional light source	No
material of the actuating element shape of the actuating element well shape of the actuating element marking of the actuating element number of switching positions switch position for key distraction actuating angle elockwise for anticlockwise anticlockwise outer time actuating angle elockwise outer time for witching for the front ring for the front ring for the front ring general technical data protection class IP of the terminal degree of protection NEMA rating shock resistance eaccording to IEC 60068-2-6 of for railway applications according to EN 61373 operating frequency maximum  metal  key key sep count data protection the front ring shock resistance eaccording to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B operating frequency maximum  metal  exp spice of protection according to EN 61373 category 1, Class B operating frequency maximum  metal exp spice of protections according to EN 61373 category 1, Class B operating frequency maximum  metal exp spic to the actuating element exp spic maximatic spic in upper case not in upper case maximatic spic in upper case  metal and spic in upper case not in upper case not provided in upper case not in upper case notes in upper cas	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 outling angle e clockwise 45° anticlockwise 45° lock make Ney number 73034  Front ring product component front ring design of the front ring color 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  Key OHI-II  Any inscription, text in upper case Any inscription, text in upper case Any inscription, text in upper case  Association and text in upper case  Any inscription, text in upper case  Association and text in upper case  Association and text in upper case  Association	<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     O+I+II       actuating angle     45°       e clockwise     45°       e anticlockwise     45°       lock make     O.M.R.       key number     73034       Front ring     Yes       gesign of the front ring     Standard       material of the front ring     plastic       color of the front ring     black       General technical data     IP20       protection class IP     IP66, IP67, IP69(IP69K)       e of the terminal     IP20       degree of protection NEMA rating     1, 2, 3, 3R, 4, 4X, 12, 13       shock resistance     sinusoidal half-wave 15g / 11 ms       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       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 actuating angle clockwise santiclockwise anticlockwise outlockwise outlockw	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 60068-2-7  • for railway applications according to EN 61373  operating frequency maximum  o M.H.I.  A5°  O.M.R.  45°  A5°  A5°  A5°  A5°  A5°  A5°  A5°	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  O.H.I.I.  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
clockwise anticlockwise anticlockwise  output lock make	switch position for key distraction	O+I+II
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 railway applications according to EN 61373  operating frequency maximum  45°  O.M.R.  73034  Front ring  Yes  Standard  plastic  black  Black  IP66, IP67, IP69(IP69K)  IP20  1, 2, 3, 3R, 4, 4X, 12, 13  Shock resistance  o according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  Category 1, Class B  Operating frequency maximum  1800 1/h  1800 1/h	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 black  General technical data protection class IP of the terminal 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 IP66, IP67, IP69(IP69K) IP20 IP20 IP20 IP20 IP20 IP20 IP20 IP20	• clockwise	45°
Front ring   Yes   design of the front ring   Standard   plastic   color of the front ring   black	<ul><li>anticlockwise</li></ul>	45°
Front ring product component front ring 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 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 Standard Pyes Standard Plastic Standard Standard Plastic Standard Plastic Standard Plastic Standard Plastic Standard Plastic Standard Plastic Standard Standar	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  color of the front ring  black  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  vibration resistance  for railway applications according to EN 61373  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 lP20 degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of to railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of or railway applications according to EN 61373 category 1, Class B  operating frequency maximum  Standard plastic Standard plastic Standard plastic Standard plastic Standard standard plastic Standard stan	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  of the 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	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  o according to IEC 60068-2-27  of tor railway applications according to EN 61373  vibration resistance  o 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  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  Category 1, Class B  vibration resistance  ● according to IEC 60068-2-6  • for railway applications according to EN 61373  Category 1, Class B  10 500 Hz: 5g  Category 1, Class B  operating 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
<ul> <li>for railway applications according to EN 61373</li> <li>Category 1, Class B</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>Category 1, Class B</li> <li>Operating frequency maximum</li> <li>1 800 1/h</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>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=3SU1000-4HL11-0AA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-4HL11-0AA0-Z Y11

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-4HL11-0AA0-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=3SU1000-4HL11-0AA0-Z Y11&lang=en

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