## **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, momentary contact type, 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 active article number of included key  Actuator  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 shape of the actuating element Arbigo of the actuating element shape of the actuating element Arbigo of the actuating element Arbigo of the actuating element arking of the actuating element number of switching positions switch position for key distraction actuating angle clockwise anticlockwise ochockwise As* O.M.R. key number  As*  O.M.R. key number  As*  O.M.R.  Ves  design of the front ring design of the front ring design of the front ring plastic color 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  Front degree of protection NEMA rating  As of the terminal  Diack  Ceneral technical data  Protection class IP of the terminal  Diack  Ceneral technical data  Protection class IP of the terminal  Diack  Ceneral technical data  Category 1, Class B  One actuating should half-wave 15g / 11 ms Category 1, Class B  One actuating applications according to EN 61373  Operating frequency maximum  1 800 //n  The maximum of the country	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 marking of the actuating element mumber of switching positions switch position for key distraction actuating angle olockwise olockwise after anticlockwise after anticlockwise after bear of the front ring ferout component front ring design of the front ring material of the front ring material of the front ring design of the front ring for 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  3SU19 slock 2 mm product, 2x45° (10:30 h/12 h/13:30 h), return on both sides momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides  momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides  Move of the actuating element momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides  Move of the actuating element metal of the actuating element metal and the actuating element metal and the sustaination on the sides  Silver material of the actuating element Ary inscription, text in upper case  45°  45°  45°  45°  45°  45°  45°  45	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 marking of the actuating element actuating alement 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 formal technical data protection class IP of the terminal degree of protection NEMA rating vibration resistance according to IEC 60068-2-6 of ratiway applications according to EN 61373 operating frequency maximum  1 800 1/h  Plastic, black, 22 mm asutjes, black, 22 mm assutjes, black, 26 mm momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides potention, 2x45° (10:30 h/12 h/13:30 h), return on both sides momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides potention, 2x45° (10:30 h/12 h/13:30 h), return on both sides potential, 2x45° (10:30 h/12 h/13:30 h), return on both sides potential, 2x45° (10:30 h/12 h/13:30 h), return on both sides potential, 2x45° (10:30 h/12 h/13:30 h), return on both sides potential, 2x45° (10:30 h/12 h/13:30 h), return on both sides potential great protection selement silver material of the actuating element silver material of the actu	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 metal silver material of the actuating element (Key) outer diameter of the actuating element (Any inscription, text in upper case) marking of the actuating element (Any inscription, text in upper case) switch position for key distraction (Any inscription) actuating angle electockwise (A5° anticlockwise (A5°	product type designation	3SU1
principle of operation of the actuating element product extension optional light source color  of the actuating element silver metal shape 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 Oactuating angle clockwise 45° outer diameter of the actuating element Any inscription, text in upper case number of switching positions 3 switch position for key distraction Oactuating angle clockwise 45° oanticlockwise 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 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 60068-2-6 sinusoidal half-wave 15g / 11 ms category 1, Class B vibration resistance according to IEC 60068-2-6 corrailway applications according to EN 61373 Category 1, Class B operating frequency maximum 1800 I/h	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 smitchlockwise olockwise olock make Ney number  Front ring product component front ring design of the front ring material of the front ring slassic color of the front ring design of the front ring for the front ring slassic color of the front ring for the terminal liP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B operating frequency maximum  momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides 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 shape of the actuating element Mey 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 oclockwise of anticlockwise Afso outer diameter of the actuating element Any inscription, text in upper case number of switching positions  Switch position for key distraction O actuating angle oclockwise Afso outer discovered Afso O.M.R. key number Front ring product component front ring Ves design of the front ring Standard material of the front ring plastic color of the front ring Color of the front ring Diack  General technical data protection class IP of the terminal P20 degree of protection NEMA rating IP20 fegere of protection NEMA rating Shock resistance according to IEC 60068-2-27 in 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  operating frequency maximum 1 800 1/h	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 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 overating frequency maximum 1 800 1/h  selection class IB  outer 10 metal silver metal silver  metal selection class IB silver metal silver metal silver metal silver metal silver  metal selection class IP silver(10 metal) silver(10 met	principle of operation of the actuating element	momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides
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 electockwise 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 place electron NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance eaccording to IEC 60068-2-6 of railway applications according to EN 61373 outer time frequency maximum 1 800 1/h event in purpose out the first out of the side of the color of the front resistance eaccording to IEC 60068-2-6 of realiway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h eout the cut and the side of the color out of the color of	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 marking of the actuating element number of switching positions switch position for key distraction octuating angle oclockwise anticlockwise anticlockwise onticlockwise o	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 defined anticlockwise outer diameter of key distraction octuating angle oclockwise outer diameter of key distraction octuating angle octuation, text in upper case octuating upper case octuating upper case octuating angle octuation angle octuation, text in upper case octuation intertion text in upper case octuation angle octuation, text in upper case octuation angle oc	<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       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	material of the actuating element	metal
marking of the actuating element number of switching positions switch position for key distraction octuating angle oclockwise anticlockwise anticlockwise ocity and the 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 of or railway applications according to EN 61373 operating frequency maximum  Any inscription, text in upper case  45° O.M.R. 45° O.M.R. 45° Ves 45° O.M.R. 45° O.M	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  syssian  O M. S.  45°  45°  Vibration resistance  • according to IEC 60068-2-6  • for railway applications according to EN 61373  operating frequency maximum  O M. S.  45°  45°  45°  45°  45°  45°  45°  45	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
clockwise anticlockwise anticlockwise  output lock make	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 railway applications according to EN 61373  operating frequency maximum  45°  O.M.R.  73034  Front ring  Yes  Standard  plastic  plast	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 legree 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. According 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	anticlockwise	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 Ples Standard Plastic Standard Pla	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 lP20 degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of tor 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	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  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  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  of the terminal  degree of protection NEMA rating  shock resistance  of according to IEC 60068-2-27  of the railway applications according to EN 61373  resistance  of according to IEC 60068-2-6  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  category 1, Class B  category 1, Class B  1 800 1/h	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  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	<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> </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>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
	<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=3SU1000-4HM01-0AA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-4HM01-0AA0-Z Y11

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-4HM01-0AA0-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=3SU1000-4HM01-0AA0-Z Y11&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1000-4HM01-0AA0-Z Y11&lang=en</a>

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