## **SIEMENS**

## **Data sheet**



Key-operated switch O.M.R, 22 mm, round, plastic, lock number 73034, black, with 2 keys, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal O+I, with laser labeling, lower case

product designation  design of the product  product type designation  product tine  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  silver  material 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 lower case  number of switching positions  2  switch position for key distraction  actuating angle  olockwise  lock make  O.M.R.  key number  73034  Front ring  product component 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 according to IEC 60088-2-6  a conding to IEC 60088-2-6  for railway applications according to EN 61373  Category 1, Class B  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  reference code according to IEC 61346-2  S	product brand name	SIRIUS ACT	
design of the product product type designation 3SU1 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 silver material of the actuating element shape of the actuating element shape of the actuating element word diameter of the actuating element Any inscription, text in lower case number of switching positions  switch position for key distraction actuating angle clockwise lock make O.M.R. key number  Front ring product component front ring design of the front ring design of the front ring the front ring material of the front ring design of the front ring degree of protection NEMA rating protection class IP of the terminal element element latching, 90° (10:30 h/13:30 h) No  No  No  (10:30 h/13:30 h) No  No			
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 marking of the actuating element marking of the actuating pelement marking of the actuating pelement Any inscription, text in lower case number of switching positions 2 switch position for key distraction actuating angle clock make O.M.R. key number 73034  Front ring product component front ring design of the front ring design of the front ring plastic color of the front ring plastic color of the front ring 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 60068-2-27 of for railway applications according to EN 61373 Category 1, Class B of the found ring color of the front resistance according to IEC 60068-2-27 of for railway applications according to EN 61373 Category 1, Class B of railway applications according to EN 61373 Category 1, Class B of railway applications according to EN 61373 Category 1, Class B of railway applications according to EN 61373 Category 1, Class B of railway applications according to EN 61373 Category 1, Class B of railway applications according to EN 61373 Category 1, Class B of railway applications according to EN 61373 Category 1, Class B of railway applications according to EN 61373 Category 1, Class B of railway applications according to EN 61373 Category 1, Class B of railway applications according to EN 61373 Category 1, Class B			
product line manufacturer's article number of included key 3SU1950-0FL10-0AA0 Actuator principle of operation of the actuating element product extension optional light source oolor of the actuating element silver material of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element Any inscription, text in lower case unumber of switching positions switch position for key distraction actuating angle clockwise 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 plastic black  General technical data  protection class IP of the leminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 of or railway applications according to EN 61373 Category 1, Class B over class IP of railway applications according to EN 61373 Category 1, Class B over characteristics according to EN 61373 Category 1, Class B over characteristics according to EN 61373 Category 1, Class B over characteristics according to EN 61373 Category 1, Class B over characteristics according to EN 61373 Category 1, Class B over characteristics according to EN 61373 Category 1, Class B over characteristics according to EN 61373 Category 1, Class B over characteristics according to EN 61373 Category 1, Class B over characteristics according to EN 61373 Category 1, Class B over characteristics according to EN 61373 Category 1, Class B over characteristics according to EN 61373 Category 1, Class B over characteristics according to EN 61373 Category 1, Class B over characteristics according to EN 61373 Category 1, Class B over characteristics according to EN 61373 Category 1, Class B			
manufacturer's article number of included key Actuator  principle of operation of the actuating element product extension optional light source color		Plastic, black, 22 mm	
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 wouter diameter of the actuating element marking of the actuating element Any inscription, text in lower case number of switching positions 2 switch position for key distraction other actuating angle clockwise go lock make O.M.R. key number front ring product component front ring design of the front ring fool of the front ring glastic color of the front ring for the front ring for 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 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  Mey  outer diameter of the actuating element  marking of the actuating positions  2 switching positions  2 switch position for key distraction  outer diameter of key distraction  outer diameter of key distraction  outer position for key distraction outer position, text in lower case  position for key distraction outer position, text in lower case  not position for key distraction for lext in lower case  outer position, text in lower case  outer diameter of the actuating position, text in lower case  not position for key distraction for her lower case  outer position, text in lower case  not position for key distraction for her lower case  outer position, text in lower case  not position for key distraction for her lower position, text in lower case  not position, text in lower case  not position for key distraction for her lower position for key distraction for her lower position for her lower case  not position for key distraction for her lower case  not position for her distraction for her lower case  not position for her distraction for her lower case  not position for her distraction for her lower case  not position for her distraction for her lower case  not position for her distraction for her lower case  not po	·		
color  • of the actuating element material of the actuating element shape of the actuating element wouter diameter of the actuating element marking of the actuating element arking of the actuating element number of switching positions 2 switch position for key distraction actuating angle • clockwise lock make O.M.R. key number road treating product component front ring ground to the front ring material of the front ring material 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  mechanical service life (switching cycles) typical  service with actuating element metal silver silvey silve in lower case metal silvey silve in lower case metal silver silvey silve in lower case silve in lower case silvey silves silves silves silves silves silv	principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)	
• of the actuating element material of the actuating element shape of the actuating element couter diameter of the actuating element marking of the actuating element Any inscription, text in lower case number of switching positions 2 switch position for key distraction actuating angle • clockwise 90° lock make Any inscription, text in lower case 0.4  Switch position for key distraction actuating angle • clockwise 90° lock make 8  Sumber  Front ring  Front ring  product component front ring design of the front ring material of the front ring black  Ceneral 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 1 800 1/h mechanical service life (switching cycles) typical 1 000 000	product extension optional light source	No	
material of the actuating element shape of the actuating element well shape of the actuating element well cuter diameter of the actuating element number of switching positions 2 switch position for key distraction actuating angle oclockwise 90° 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 of or railway applications according to EN 61373  operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical  Ay inscription, text in lower case 29.5 mm makerial of the actuating element Axy inscription, text in lower case 20.5 mm makerial of the actuating element Axy inscription, text in lower case 20.5 mm makerial of the actuating element Axy inscription, text in lower case 20.6 ml actuating pole 20.5 mm makerial of the actuating element Axy inscription, text in lower case 20.6 ml actuating element Axy inscription, text in lower case 20.5 mm makerial of the actuating element Axy inscription, text in lower case 20.6 ml actuation positions 20. ml actuating pole 20. ml actuating application, text in lower case 20. ml actuation, text in lower case 20. ml actuation pow 20. ml actuation, text in lower case 20. ml actuating apple 20. ml actuating apple 20. ml actuating apple 20. ml a	color		
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outer diameter of the actuating element marking of the actuating element number of switching positions 2 switch position for key distraction other actuating angle clockwise of clockwise lock make of M.R. key number of switch front ring product component front ring design of the front ring material of the front ring polatic 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 railway applications according to EN 61373 operating frequency maximum  1 800 1/h mechanical service life (switching cycles) typical  Any inscription, text in lower case Any inscription, text in lower case Any inscription, text in lower case  Any inscription  Any inscription, t	material of the actuating element	metal	
marking of the actuating element number of switching positions 2 switch position for key distraction actuating angle • clockwise lock make Ney 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  mechanical service life (switching cycles) typical  Any inscription, text in lower case  2 Any inscription, text in lower case  2 Any inscription, text in lower case  2  NHI Inswer case  Any inscription, text in lower case  2  Shill in lower case  90°  Coh!  Any inscription, text in lower case  90°  Coh.  Both  Front ring  Yes  Standard  Pres  Standard  Pastic  Pes  Standard  Pastic  Pas	shape of the actuating element	Key	
number of switching positions  switch position for key distraction  actuating angle  • clockwise  10ck make	outer diameter of the actuating element	29.5 mm	
switch position for key distraction actuating angle	marking of the actuating element	Any inscription, text in lower case	
actuating angle	number of switching positions	2	
e clockwise 90° lock make O.M.R. key number 73034  Front ring product component front ring Yes design of the front ring Standard material of the front ring plastic color of the front ring black  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 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 e 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	switch position for key distraction	O+I	
lock make O.M.R. key number 73034  Front ring  product component front ring Yes design of the front ring Standard material 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 o according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms of or railway applications according to EN 61373 Category 1, Class B  vibration resistance o according to IEC 60068-2-6 10 500 Hz: 5g 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	actuating angle		
Front ring   Product component front ring   Yes	<ul><li>clockwise</li></ul>	90°	
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  figure 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  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	lock make	O.M.R.	
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 of the front ring of the front	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  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  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	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  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	design of the front ring	Standard	
protection class IP	material of the front ring	plastic	
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 for railway applications according to EN 61373 Category 1, Class B vibration resistance of 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 1 000 000	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  ● 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	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> <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	
	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>	for railway applications according to EN 61373	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	for railway applications according to EN 61373	Category 1, Class B	
	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=3SU1000-4HF11-0AA0-Z Y12">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1000-4HF11-0AA0-Z Y12</a>

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-4HF11-0AA0-Z Y12

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-4HF11-0AA0-Z Y12

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=3SU1000-4HF11-0AA0-Z Y12&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1000-4HF11-0AA0-Z Y12&lang=en</a>

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