## **SIEMENS**

## **Data sheet**



Key-operated switch O.M.R, 22 mm, round, metal, shiny, lock number 73034, black, with 2 keys, 2 switch positions O-I, latching, actuating angle  $90^{\circ}$ , 10:30h/13:30h, key removal I, with laser labeling, lower case

product type designation design of the product product type designation product type designation 3SU1 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 material of the actuating element marking of the mactuating element marking of the forting of well-designation of the secondary marking of the front ring yes lock make O.M.R. key number 73034  Front ring product component front ring Metal, high gloss color of the front ring Metal, high gloss color of the front ring silver  General technical data protection class IP of the terminal protection protection NEMA rating silver  1, 2, 3, 3R, 4, 4X, 12, 13  Substance Protection NEMA rating sinusoidal half-wave 15g / 11 ms  Wibration resistance according to IEC 60068-2-6  poperating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81348-2 Substance Prohibitations (Date)	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm Metal, shiny, 23 my Metal, shiny, 24 mm Metal, shiny, 24 mm Metal, shiny, 25 mm Metal, s	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  other actuating element issilver material of the actuating element shape of the actuating element Any inscription, text in lower case number of switching positions switch position for key distraction actuating angle clockwise lock make outher diameter clockwise lock make sey number front ring product component front ring design of the front ring material of the front ring material of the front ring material of the front ring sliver  protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 operating frequency maximum 1800 1/h mechanical service life (switching cycles) typical reference code according to IEC 61346-2 Substance Prohibitance (Date) 10/10/12014	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 actualing element silver material of the actuating element metal of the actuating element shape of the actuating element Metal May inscription, text in lower case number of switching positions 2 switch position for key distraction I actuating angle older of the actuating element Metal M	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 Key outer 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 O.M.R. key number  Front ring product component front ring design of the front ring slandard material of the front ring Ceneral technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 61346-2 Substance Prohibitance (Date) 100117014	product line	Metal, shiny, 22 mm
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 element Any inscription, text in lower case number of switching positions 2 switch position for key distraction actuating angle • clockwise lock make O.M.R. key number 73034  Front ring product component front ring design of the front ring Metal, high gloss color of the front ring sliver  Ceneral technical data protection class IP of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 61346-2 Substance Prohibitance (Date) Silves (10:30 h/13:30 h) No Color of the front ring sliver  latching, 90° (10:30 h/13:30 h) No Color of the front ring sliver  latching, 90° (10:30 h/13:30 h) No Color of the front ring sliver  latching, 90° (10:30 h/13:30 h) No Color of the front ring sliver  Ceneral technical data  protection class IP of the terminal lip2o 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 vibration resistance • according to IEC 60068-2-6 Substance Prohibitance (Date)  Substance Prohibitance (Date)	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 Any inscription, text in lower case number of switching positions 2 switch position for key distraction actuating angle elockwise lock make O.M.R. key number 73034  Front ring product component front ring design of the front ring Metal, high gloss color of the front ring silver  General technical data protection class IP • of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-6 • according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)	Actuator	
color  • of the actuating element material of the actuating element shape of the actuating element warking 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 lock make O.M.R. key number 73034  Front ring product component front ring design of the front ring silver  General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Survice Insulation in service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)	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 well shape of the actuating element marking of the actuating element number of switching positions 2 switch position for key distraction actuating angle elockwise 90° lock make Number 173034  Front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring Silver  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 vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014	product extension optional light source	No
material of the actuating element shape of the actuating element well shape of the actuating element cut diameter of the actuating element marking of the actuating element number of switching positions 2 switch position for key distraction actuating angle	color	
shape of the actuating element outer diameter of the actuating element marking of the actuating element number of switching positions 2 switch position for key distraction actuating angle	<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 lower case       number of switching positions     2       switch position for key distraction     I       actuating angle     • clockwise       • 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     Metal, high gloss       color of the front ring     silver       General technical data     IP20       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 60068-2-27     sinusoidal half-wave 15g / 11 ms       vibration resistance     • according to IEC 60068-2-6     10 500 Hz: 5g       operating frequency maximum     1 800 1/h       mechanical service life (switching cycles) typical     300 000       reference code according to IEC 81346-2     S       Substance Prohibitance (Date)     10/01/2014	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 O.M.R. key number 73034  Front ring product component front ring design of the front ring material of the front ring silver  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 vibration resistance • according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)  Any inscription, text in lower case  1 1 2 2 3 3 3 3 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	shape of the actuating element	Key
number of switching positions  switch position for key distraction  actuating angle  • clockwise  100	outer diameter of the actuating element	29.5 mm
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  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  vibration resistance  • according to IEC 60068-2-6  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)	marking of the actuating element	Any inscription, text in lower case
actuating angle	number of switching positions	2
e clockwise  lock make  O.M.R.  key number  73034  Front ring  product component front ring  design 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  e according to IEC 60068-2-7  vibration resistance  vaccording to IEC 60068-2-6  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  9 0.M.R.  A.M.R.  A	switch position for key distraction	L
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 General technical data protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance (Date)  O.M.R. Ack Presidency Standar  Ness Standard Metal, high gloss Standard Metal, h	actuating angle	
Front ring   Yes   design of the front ring   Standard   Metal, high gloss   color of the front ring   silver	• clockwise	90°
product component 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  vibration resistance  according to IEC 60068-2-6  operating frequency maximum  mechanical service life (switching cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Yes  Metal, high gloss  Standard  Metal, high gloss  Standard  Metal, high gloss  Standard  Metal, high gloss  silver  IP20  IP66, IP67, IP69(IP69K)  IP20  I	lock make	O.M.R.
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  lP20  degree of protection NEMA rating  shock resistance  • according to IEC 60068-2-27  vibration resistance  • according to IEC 60068-2-6  operating frequency maximum  mechanical service life (switching cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Yes  Metal, high gloss  Metal, high gloss  Standard  Metal, high gloss  silver  IP66, IP67, IP69(IP69K)  IP20	key number	73034
design of the front ring material of the front ring  Color of the front ring  Standard  Metal, high gloss silver  General technical data  protection class IP  of the terminal  lP20  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  vibration resistance  o according to IEC 60068-2-6  operating frequency maximum 1 800 1/h  mechanical service life (switching cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Standard  Metal, high gloss  Standard  Metal, high gloss  silver  IP66, IP67, IP69(IP69K)  IP20  I 920  I 920  I 920  I 920  I 920  I 930  I	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  vibration resistance  according to IEC 60068-2-6  operating frequency maximum  mechanical service life (switching cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Metal, high gloss  silver  Metal, high gloss  silver  IP66, IP67, IP69(IP69K)  IP20  IP	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  vibration resistance  according to IEC 60068-2-6  operating frequency maximum  mechanical service life (switching cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)	design of the front ring	Standard
protection class IP	material of the front ring	Metal, high gloss
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  vibration resistance  of according to IEC 60068-2-6  operating frequency maximum  mechanical service life (switching cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)	color of the front ring	silver
● 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  vibration resistance  ● according to IEC 60068-2-6  10 500 Hz: 5g  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  1 0/01/2014	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  vibration resistance  • according to IEC 60068-2-6  • according to IEC 60068-2-6  10 500 Hz: 5g  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  1, 2, 3, 3R, 4, 4X, 12, 13  10 500 Hz: 5g  10 000	protection class IP	IP66, IP67, IP69(IP69K)
shock resistance	<ul> <li>of the terminal</li> </ul>	IP20
	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
vibration resistance	shock resistance	
● according to IEC 60068-2-6  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  10 500 Hz: 5g  300 00/  300 000  reference code according to IEC 81346-2  S	<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000 reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014	vibration resistance	
mechanical service life (switching cycles) typical 300 000  reference code according to IEC 81346-2 S  Substance Prohibitance (Date) 10/01/2014	according to IEC 60068-2-6	10 500 Hz: 5g
reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014	operating frequency maximum	1 800 1/h
Substance Prohibitance (Date) 10/01/2014	mechanical service life (switching cycles) typical	300 000
	reference code according to IEC 81346-2	S
Ambient conditions	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=3SU1050-4HF21-0AA0-Z Y12

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-4HF21-0AA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-4HF21-0AA0-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=3SU1050-4HF21-0AA0-Z Y12&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1050-4HF21-0AA0-Z Y12&lang=en</a>

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