## **SIEMENS**

## **Data sheet**



Key-operated switch O.M.R, 22 mm, round, plastic with metal front ring, lock number 73034, black, with 2 keys, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal O, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product brain name product togsignation Key-operated switches  design of the product product type designation SSU1 Plastic with metal front ring, matt, 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 wetal shape of the actuating element shape of the actuating element Ary inscription, text in upper/lower case, all words begin with upper case letters number of switching positions which position for key distraction Cockmake O.M.R.  key number Toolck make O.M.R.  key number Tool ring groduct component front ring design of the front ring Metal, matt color of the front ring Metal, matt color of the front ring degree of protection NEMA rating Toolck make O.T. (P20)  **Ceneral technical data **Protection class IP Offer terminal **Order tring **Siandard **Sian	nyaduat byand name	CIDILIC ACT
design of the product product type designation product tine product line Plastic with metal front ring, matt, 22 mm product line product line product line product line product line product line principle of operation of the actuating element product extension optional light source vertical of the actuating element silver material of the actuating element material of the actuating element shape of the actuating element material of the actuating element shape of the actuating element Any inscription, text in upperflower case, all words begin with upper case letters number of switching positions product ordinanter of the actuating element Any inscription, text in upperflower case, all words begin with upper case letters number of switching positions por electronic line product component front ring design of the front ring design of the front ring front ring product component front ring design of the front ring material of the front ring design of the front ring product component front ring design of the front ring design of the front ring sand gray  Ceneral 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 60068-2-67 in railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h mechanical service IIf (e perating cycles) typical reference code according to IEC 61346-22 S	product brand name	SIRIUS ACT
product type designation product line product line product line product curs article number of included key  Actuator  principle of operation of the actuating element product extension optional light source color of the actuating element product extension optional light source solor of the actuating element silver material of the actuating element material of the actuating element product extension optional element shape of the actuating element Mey outer diameter of the actuating element marking of the actuating element marking of the actuating element number of switching positions 2 switch position for key distraction actuating angle clock make O.M.R. 73034  Front ring product component front ring design of the front ring ground the front ring material of the front ring design of the front ring sand gray  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 1 800 1/h mechanical service life (perating cycles) typical reference code according to IEC 81346-2 S		
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 ocolor  • of the actuating element silver metal shape of the actuating element Metal M		
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/lower case, all words begin with upper case letters number of switching positions switch position for key distraction of clockwise olock make clockwise olock make olome solome front ring product component front ring design of the front ring design of the front ring color of the front ring of the front ring sand gray  Ceneral technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 61346-2 S		
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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 yes, outer diameter of the actuating element marking of the actuating element Any inscription, text in upper/lower case, all words begin with upper case letters number of switching positions 2 switch position for key distraction O 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 Metal, matt color of the front ring Standard material of the front ring color of the front ring for the terminal degree of protection NEMA rating protection class IP of the terminal edgree of protection NEMA rating shock resistance according to IEC 60068-2-7 sinusoidal half-wave 15g / 11 ms Category 1, Class B  vibration resistance according to IEC 60068-2-6 of railway applications according to EN 61373 Operating frequency maximum 1 1000 000 reference code according to IEC 81346-2 S		3SU1950-0FL10-0AA0
product extension optional light source  color  of the actuating element  material of the actuating element  sliver  metal  shape of the actuating element  shape of the actuating element  marking of the actuating element  marking of the actuating element  number of switching positions  2  switch position for key distraction  actuating angle  oclockwise  lock make  O.M.R.  key number  Front ring  product component front ring  design of the front ring  material of the front ring  slandard  material of the front ring  color of the front ring  material of the front ring  color of the terminal  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-87  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  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  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  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  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		
color  • of the actuating element material 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/lower case, all words begin with upper case letters number of switching positions 2  switch position for key distraction O  actuating angle  • 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, matt  color of the front ring sand gray  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 Category 1, Class B  vibration resistance  • according to IEC 60068-2-6  • for railway applications according to EN 61373 Category 1, Class B  • for railway applications according to EN 61373 Category 1, Class B  • for railway applications according to EN 61373 Category 1, Class B  • for railway applications according to EN 61373 Category 1, Class B  • for railway applications according to EN 61373 Category 1, Class B  • for railway applications according to EN 61373 Category 1, Class B  • for railway applications according to EN 61373 Category 1, Class B  • for railway applications according to EN 61373 Category 1, Class B  • for railway applications according to EN 61373 Category 1, Class B  • for railway applications according to EN 61373 Category 1, Class B  • for railway applications according to EN 61373 Category 1, Class B  • for railway applications according to EN 61373 Category 1, Class B  • for railway applications according to EN 61373 Category 1, Class B	principle of operation of the actuating element	
• of the actuating element material of the actuating element Key outer diameter of the actuating element Any inscription, text in upper/lower case, all words begin with upper case letters number of switching positions 2 switch position for key distraction O actuating angle • clockwise • clockwise • own MR.  key number  product component front ring design of the front ring material of the front ring Metal, matt 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 • for railway applications according to EN 61373 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 61346-2  service out out of the Code	product extension optional light source	No
material of the actuating element Key outer diameter of the actuating element Any inscription, text in upper/lower case, all words begin with upper case letters number of switching positions 2 switch position for key distraction O actuating angle olockwise 90° lock make O.M.R. key number 73034  Front ring product component front ring Standard material of the front ring Metal, matt color of the front ring sand gray  General technical data protection class IP 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 of or railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1800 LIPC 1800 LIPC 1900 Category 1, Class B operating frequency maximum 1800 LIPC 1800 Category 1, Class B operating frequency maximum 1800 LIPC 1000 O00 reference code according to IEC 81346-2  S	color	
shape of the actuating element outer diameter of the actuating element marking of the actuating element Any inscription, text in upper/lower case, all words begin with upper case letters number of switching positions 2 switch position for key distraction O actuating angle • clockwise 90° lock make O.M.R. key number Front ring product component front ring design of the front ring material of the front ring Metal, matt color of the front ring color of the front ring 9 sand gray  Coneral technical data  protection class IP of the terminal 1P20 degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2  S	of the actuating element	silver
outer diameter of the actuating element     29.5 mm       marking of the actuating element     Any inscription, text in upper/lower case, all words begin with upper case letters       number of switching positions     2       switch position for key distraction     0       actuating angle     90°       o clockwise     90°       lock make     O.M.R.       key number     73034       Front ring     Yes       design of the front ring     Standard       material of the front ring     Metal, matt       color of the front ring     sand gray       Ceneral technical data     IP66, IP67, IP69(IP69K)       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       of or railway applications according to EN 61373     Category 1, Class B       vibration resistance     according to IEC 60068-2-6     10 500 Hz; 5g       of or railway applications according to EN 61373     Category 1, Class B       operating frequency maximum     1 800 t/h       mechanical service life (operating cycles) typical     1 000 000       reference code according to IEC 81346-2     S	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 0.M.R. key number 73034  Front ring product component front ring design of the front ring standard material of the front ring color of the front ring sand gray  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  mechanical service Ilfe (operating cycles) typical reference code according to IEC 81346-2  S  Any inscription, text in upper/lower case, all words begin with upper case letters 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	shape of the actuating element	Key
number of switching positions  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  standard  material of the front ring  color of the front ring  sand gray  General technical data  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  nechanical service life (operating cycles) typical  reference code according to IEC 81346-2  S  O.M.R.  Ves  O.M.R.  Nex  Pec  10	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  sand gray  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  nechanical service life (operating cycles) typical  reference code according to IEC 81346-2  S  O.M.R.  90°  0.M.R.  90°  1.M.R.	marking of the actuating element	Any inscription, text in upper/lower case, all words begin with upper case letters
actuating angle	number of switching positions	2
e clockwise  lock make  O.M.R.  key number  73034  Front ring  product component front ring  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  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  O.M.R.  A.M.R.  Ves  O.M.R.  O.M.R.  O.M.R.  A.M.R.  O.M.R.  O.M.R.  A.M.R.  A	switch position for key distraction	0
lock make key number 73034  Front ring product component front ring design of the front ring material of the front ring Metal, matt color of the front ring sand gray  General technical data protection class IP of the terminal legree 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 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2  S	actuating angle	
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product component front ring  product component front ring  design of the front ring  material of the front ring	lock make	O.M.R.
product component front ring  design of the front ring  material of the front ring  Metal, matt  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  operating frequency maximum  reference code according to IEC 81346-2  Standard  Metal, matt	key number	73034
design of the front ring  material of the front ring  material of the front ring  Color of the front ring  Sand gray  General technical data  protection class IP  of the terminal  lP20  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  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 (operating cycles) typical  reference code according to IEC 81346-2  S	Front ring	
material of the front ring color of the front ring sand gray  General technical data  protection class IP of the terminal egree 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 the railway applications according to EN 61373 category 1, Class B  operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2  Metal, matt sand gray  Metal, matt sand gray  IP66, IP67, IP69(IP69K)  IP20  Category 1, 213  Sinusoidal half-wave 15g / 11 ms  Category 1, Class B  Operating frequency maximum 1 800 1/h  Metal, matt sand gray	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  operating frequency maximum  1 800 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  S	design of the front ring	Standard
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 of or railway applications according to EN 61373 category 1, Class B vibration resistance of or railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S	material of the front ring	Metal, matt
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 of or 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 (operating cycles) typical reference code according to IEC 81346-2 S	color of the front ring	sand gray
● of the terminal  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13  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  ● 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 (operating cycles) typical  reference code according to IEC 81346-2  S	General technical data	
degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13  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  • 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 (operating cycles) typical  reference code according to IEC 81346-2  S	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 (operating cycles) typical 1 000 000  reference code according to IEC 81346-2 S	of the terminal	IP20
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     for railway applications according to EN 61373     Category 1, Class B  operating frequency maximum     1 800 1/h  mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
for railway applications according to EN 61373      Category 1, Class B      vibration resistance	shock resistance	
vibration resistance	• according to IEC 60068-2-27	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>1 800 1/h</li> <li>mechanical service life (operating cycles) typical</li> <li>1 000 000</li> <li>reference code according to IEC 81346-2</li> <li>S</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  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  S	vibration resistance	
operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical 1 000 000 reference code according to IEC 81346-2 S	• according to IEC 60068-2-6	10 500 Hz: 5g
operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical 1 000 000 reference code according to IEC 81346-2 S	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
mechanical service life (operating cycles) typical 1 000 000 reference code according to IEC 81346-2 S		
reference code according to IEC 81346-2		1 000 000
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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	

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3SU1030-4HF01-0AA0-Z Y15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-4HF01-0AA0-Z Y15

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-4HF01-0AA0-Z Y15

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1030-4HF01-0AA0-Z Y15&lang=en

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