## **SIEMENS**

## **Data sheet**



Key-operated switch O.M.R, 22 mm, round, plastic, lock number 73037, red, with 2 keys, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O+I, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

product designation design of the product product type designation product time 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 shape 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 configurator/Configuration Identification Number (CIN) number of switching positions witch position for key distraction actuating angle clockwise clockwise designation actuating angle for an inclockwise anticlockwise shape of the front ring product component front ring design of the front ring product component front ring design of the front ring color of the front ring color of the front ring for the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-8 for railway applications according to EN 61373 operating frequency maximum  accusted switches subject to the size of the size o	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 oclor  • of the actuating element red material of the actuating element Marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN)  number of switching positions 3 switch position for key distraction O+I actuating angle • clockwise 45° • anticlockwise 45° lock make OM.R. key number 73037  Front ring product component front ring Standard material of the front ring blastic Color of the front ring should be remained by the terminal protection class IP • of the terminal PPO (CIN)  **Other Color of the symbol of the ring blastic Color of the front ring blastic Color of the front ring should be remained by the remained blast protection class IP • of the terminal PPO (CIN)  **Other Color of the ring blastic Color of the ring blastic Color of the ring blastic Color of the ring should be remained blast protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13  **Shock resistance • a excording to IEC 60068-2-6 • for railway applications according to EN 61373  **Category 1, Class B  **Other Sides of Category 1, Class B  **Category 1, Class B	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 material of the actuating element material of the actuating element marking of the actuating element  marking of the actuating element  marking of the actuating element  marking of the actuating element  marking of the actuating element  marking of the actuating element  marking of the actuating element  marking of the actuating element  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration/Configuration Identification Number (CIN)  1 on the actuating angle elockwise  elockwise  elockwise  elockwise  elockwise  elockwise  elockwise  elock make  O.M.R.  typ on the front ring fooling of the front ring fooling of the front ring product component front ring plassic color of the front ring plassic color of the front ring  color of the front ring  elock  General technical data  protection class IP  elof the terminal fip20  degree of protection NEMA rating  shock resistance  eloccording to IEC 60068-2-6  eloc	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	product type designation	3SU1
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 well shape 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  outer diameter of the actuating element marking of the actuating element  outer diameter of the actuating element  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of switching positions  switch position for key distraction actuating angle elockwise  anticlockwise  45°  anticlockwise 45°  olo.M.R.  key number 73037  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 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	product line	Plastic, black, 22 mm
principle of operation of the actuating element product extension optional light source  color  of the actuating element material of the actuating element material of the actuating element marking of the actuating element  marking of the actuating element  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  switch position for key distraction actuating angle olockwise for anticlockwise olockwise olockwise olockwise olock make olockwise olock make olock make design of the front ring design of the front ring material of the front ring color of the front ring plastic color of the front ring degree of protection NEMA rating shock resistance olockwise olockwise olock make olock make olock make protection class IP of the terminal ologic of the front ring cacording to IEC 60068-2-27 of railway applications according to EN 61373 vibration resistance olocy of the front of the Council of the Counc	manufacturer's article number of included key	3SU1950-0FK20-0AA0
product extension optional light source  color  • of the actuating element  material of the actuating element  shape of the actuating element  marking of the actuating element  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of switching positions  switch position for key distraction  other actuating angle  elockwise  for anticlockwise  other actuating angle  elockwise  other actuating angle  read actuating also actuating angle actuation and actuating and actuating angle actuation actuati	Actuator	
color  • 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  marking of the actuating element  marking of the actuating element  marking of the actuating element  number of switching positions  switch position for key distraction actuating angle • clockwise • anticlockwise • anticlockwise  o according to IEC 60068-2-6 • for railway applications according to EN 61373  Category 1, Class B  ental  metal  skey  outer diameter of the actuating element  metal  metal  skey  outer diameter of the actuating element  metal  metal  skey  outer diameter of the sing instruction plantification Number (CIN)  all singulation, text or symbol, can only be ordered via SIRIUS ACT  configurator/Configuration, text or symbol, can only be ordered via SIRIUS ACT  configurator/Configuration, text or symbol, can only be ordered via SIRIUS ACT  configurator/Configuration, text or symbol, can only be ordered via SIRIUS ACT  configurator/Configuration, be ordered via SIRIUS ACT  configurator/Configurator only be ordered via SIRUS ACT  configurator	principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)
of the actuating element     material of the actuating element     shape of the actuating element     shape of the actuating element     outer diameter of the actuating element     marking of the actuating element     Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)     number of switching positions     switch position for key distraction     actuating angle     clockwise     design of the front ring     product component front ring     design of the front ring     material of the front ring     plastic     color of the front ring     plastic     color of the front ring     degree of 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     Category 1, Class B     vibration resistance     according to IEC 60068-2-6     of or railway applications according to EN 61373     Category 1, Class B	product extension optional light source	No
material of the actuating element shape of the actuating element working of the actuating element marking of the actuating element marking of the actuating element  29.5 mm  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN)  number of switching positions  switch position for key distraction actuating angle elockwise 45° anticlockwise 45° lock make O.M.R. key number 73037  Front ring product component front ring design of the front ring material of the front ring color of the front ring plastic color of the front ring 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	color	
shape of the actuating element outer diameter of the actuating element marking of the actuating element  marking of the actuating element  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of switching positions  switch position for key distraction actuating angle e clockwise e anticlockwise flock make O.M.R. key number  Front ring  product component front ring design 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 e according to IEC 60068-2-6 e for railway applications according to EN 61373  Category 1, Class B  Vibration resistance e according to IEC 60068-2-6 e for railway applications according to EN 61373  Category 1, Class B	of the actuating element	red
outer diameter of the actuating element     29.5 mm       marking of the actuating element     Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN)       number of switching positions     3       switch position for key distraction     0+I       actuating angle <ul> <li>clockwise</li> <li>anticlockwise</li> <li>45°</li> <li>on. R.</li> </ul> key number     73037       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)           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	material of the actuating element	metal
marking of the actuating element  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of switching positions  switch position for key distraction  actuating angle  clockwise 45° anticlockwise 45° 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 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	shape of the actuating element	Key
configuration Identification Number (CIN)  number of switching positions  switch position for key distraction  other actuating angle  clockwise clockwise anticlockwise 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  vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373  coler of Lass B  configuration Identification Number (CIN)  3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 8 7 8 7 8 7	outer diameter of the actuating element	29.5 mm
switch position for key distraction  actuating angle  • clockwise • anticlockwise • anticlockwise  • anticlockwise  • anticlockwise  • anticlockwise  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  plastic  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 60068-2-7 • 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	marking of the actuating element	
actuating angle  • clockwise  • anticlockwise  • anticlockwise  (A5°  O.M.R.  key number  73037  Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  plastic  color of the front ring  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  vibration resistance  • according to IEC 60068-2-6  • for railway applications according to EN 61373  Category 1, Class B  Category 1, Class B  Category 1, Class B  Category 1, Class B	number of switching positions	3
octokwise     onticlockwise     onticlockwi	switch position for key distraction	O+I
o anticlockwise     lock make     lock make     key number     73037  Front ring  product component front ring     design of the front ring     material of the front ring     color of the front ring     plastic     color of the front ring     plastic  protection class IP     of the terminal     legere of protection NEMA rating     shock resistance     o according to IEC 60068-2-27     of or railway applications according to EN 61373  vibration resistance     according to IEC 60068-2-6     of or railway applications according to EN 61373  category 1, Class B  vibration resistance     according to IEC 60068-2-6     of or railway applications according to EN 61373  Category 1, Class B	actuating angle	
lock make key number 73037  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 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	• clockwise	45°
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  respectively. The second of the	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  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	lock make	O.M.R.
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  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  Category 1, Class B  Category 1, Class B	key number	73037
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 sinusoidal half-wave 15g / 11 ms of or 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  Category 1, Class B  Category 1, Class B	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  of according to IEC 60068-2-27  of railway applications according to EN 61373  vibration 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	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  of according to IEC 60068-2-27  of railway applications according to EN 61373  vibration 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	design of the front ring	Standard
protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration 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 or railway applications according to EN 61373 Category 1, Class B  Category 1, Class B  Category 1, Class B	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  o according to IEC 60068-2-27  for railway applications according to EN 61373  vibration resistance  o according to IEC 60068-2-6  of railway applications according to EN 61373  Category 1, Class B  vibration resistance  o according to IEC 60068-2-6  of railway applications according to EN 61373  Category 1, Class B	color of the front ring	black
<ul> <li>of the terminal</li> <li>degree of protection NEMA rating</li> <li>1, 2, 3, 3R, 4, 4X, 12, 13</li> <li>shock resistance</li> <li>according to IEC 60068-2-27</li> <li>for railway applications according to EN 61373</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>10 500 Hz: 5g</li> <li>for railway applications according to EN 61373</li> <li>Category 1, Class B</li> </ul>	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	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	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> </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> </ul>	shock resistance	
vibration resistance         ● according to IEC 60068-2-6       10 500 Hz: 5g         ● for railway applications according to EN 61373       Category 1, Class B	<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> </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	vibration resistance	
	<ul><li>according to IEC 60068-2-6</li></ul>	10 500 Hz: 5g
operating frequency maximum 1 800 1/h	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
	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
neight	29.5 11111
width	29.5 mm
width	29.5 mm
width shape of the installation opening	29.5 mm round
width shape of the installation opening mounting diameter	29.5 mm round 22.3 mm
width shape of the installation opening mounting diameter positive tolerance of installation diameter	29.5 mm round 22.3 mm 0.4 mm
width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height	29.5 mm round 22.3 mm 0.4 mm 51.7 mm
width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width	29.5 mm round 22.3 mm 0.4 mm 51.7 mm 29.5 mm

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=3SU1000-4FL51-0AA0-Z Y19

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-4FL51-0AA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-4FL51-0AA0-Z Y19

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax">http://www.automation.siemens.com/bilddb/cax</a> de.aspx?mlfb=3SU1000-4FL51-0AA0-Z Y19&lang=en

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