## **SIEMENS**

## **Data sheet**



Key-operated switch BKS, 22 mm, round, plastic with metal front ring, lock number S1, with 2 keys, 2 switch positions O-I, latching, actuating angle  $90^{\circ}$ , 10:30h/13:30h, key removal O, with laser labeling, lower case

design of the product design of the product product type designation product line manufacturer's article number of included key  Actuator  principle of operation of the actuating element product extension optional light source olor of the actuating element material of the actuating element marking of the actuating element number of switching positions  actuating angle oclock make key number  product component front ring design of the front ring material of the actuating element shape of the actuating element Any inscription, text in lower case  product component front ring Metal, matt color of the front ring sand gray	product brand name	SIRIUS ACT
product type designation product line 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 silver material of the actuating element shape of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in lower case number of switching positions switch position for key distraction actuating angle clock wase lock make key number  BCS key number  Standard material of the front ring design of the front ring material of the front ring Metal, matt sand gray	product designation	Key-operated switches
product line	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 actuating element material of the actuating element shape of the actuating element warking of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in lower case number of switching positions switch position for key distraction actuating angle clockwise lock make key number  Product component front ring graduation graduation Metal, matt color of the front ring Metal, matt color of the front ring sand gray	product type designation	3SU1
Principle of operation of the actuating element product extension optional light source No color  • of the actuating element silver material of the actuating element Key outer diameter 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 key number Front ring product component front ring Metal, matt color of the front ring and gray  Product component front ring Metal, matt color of the front ring sand gray	product line	Plastic with metal front ring, matt, 22 mm
principle of operation of the actuating element product extension optional light source  No  color  of the actuating element silver 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 lower case number of switching positions switch position for key distraction octuating angle clockwise lock make sey number S1  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	manufacturer's article number of included key	3SU1950-0FD80-0AA0
product extension optional light source  color  of the actuating element  material of the actuating element  shape of the actuating element  shape of the actuating element  color  Metal, matt  shape of the actuating element  shape of the actuating element  shape of the actuating element  Any inscription, text in lower case  actuating of the actuating element  Any inscription, text in lower case  output of switching positions  2  switch position for key distraction  actuating angle  clockwise  90°  lock make  BCS  key number  S1  Front ring  product component front ring  design of the front ring  Metal, matt  color of the front ring  sand gray	Actuator	
color	principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)
<ul> <li>of the actuating element</li> <li>material of the actuating element</li> <li>shape of the actuating element</li> <li>Key</li> <li>outer diameter of the actuating element</li> <li>marking of the actuating element</li> <li>marking of the actuating element</li> <li>Any inscription, text in lower case</li> <li>number of switching positions</li> <li>2</li> <li>switch position for key distraction</li> <li>actuating angle</li> <li>clockwise</li> <li>lock make</li> <li>BCS</li> <li>key number</li> <li>S1</li> <li>Front ring</li> <li>product component front ring</li> <li>design of the front ring</li> <li>material of the front ring</li> <li>sand gray</li> </ul>	product extension optional light source	No
material of the actuating element shape of the actuating element cuter diameter of the actuating element marking of the actuating element marking of the actuating element marking of the actuating element number of switching positions 2 switch position for key distraction octuating angle oclockwise lock make key number S1  Front ring product component front ring design of the front ring material of the front ring material of the front ring sand gray  metal  metal  Key  29.5 mm  Any inscription, text in lower case  90°  0  S2  SWITCH SPIN STATE  Metal M	color	
shape of the actuating element  outer diameter of the actuating element  marking of the actuating element  number of switching positions  switch position for key distraction  actuating angle  ● clockwise  lock make  key number  Front ring  product component front ring  design of the front ring  material of the front ring  material of the front ring  sand gray  Key  29.5 mm  Any inscription, text in lower case  20.5 miles are all for a component front case  Any inscription, text in lower case  29.5 mm  Any inscription, text in lower case  20.5 miles are all for a component case  Metal, matt  Standard  Metal, matt  color of the front ring  sand gray	<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     O       actuating angle <ul> <li>clockwise</li> <li>g0°</li> </ul> lock make             BCS               key number             S1               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	material of the actuating element	metal
marking of the actuating element  number of switching positions  switch position for key distraction  actuating angle  clockwise  lock make  key number  Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  Metal, matt  sand gray	shape of the actuating element	Key
number of switching positions  switch position for key distraction  actuating angle  • clockwise  lock make  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  sand gray	outer diameter of the actuating element	29.5 mm
switch position for key distraction  actuating angle  • clockwise  lock make  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	marking of the actuating element	Any inscription, text in lower case
actuating angle	number of switching positions	2
● clockwise 90°  lock make BCS  key number S1  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	switch position for key distraction	0
lock make     BCS       key number     S1       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	actuating angle	
key number  S1  Front ring  product component front ring	• clockwise	90°
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	lock make	BCS
product component front ring  design of the front ring  material of the front ring  Metal, matt  color of the front ring  sand gray	key number	S1
design of the front ring     Standard       material of the front ring     Metal, matt       color of the front ring     sand gray	Front ring	
material of the front ring  Metal, matt  color of the front ring  sand gray	product component front ring	Yes
color of the front ring sand gray	design of the front ring	Standard
• • • • • • • • • • • • • • • • • • • •	material of the front ring	Metal, matt
On a supplied by the state of t	color of the front ring	sand gray
General technical data		
protection class IP IP66, IP67, IP69(IP69K)	protection class IP	IP66, IP67, IP69(IP69K)
• of the terminal IP20	of the terminal	IP20
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	shock resistance	
• according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	<ul><li>according to IEC 60068-2-27</li></ul>	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373 Category 1, Class B	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
vibration resistance	vibration resistance	
• according to IEC 60068-2-6 10 500 Hz: 5g	<ul><li>according to IEC 60068-2-6</li></ul>	10 500 Hz: 5g
• for railway applications according to EN 61373 Category 1, Class B	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
operating frequency maximum 1 800 1/h	operating frequency maximum	1 800 1/h
mechanical service life (switching cycles) typical 1 000 000	mechanical service life (switching cycles) typical	1 000 000
reference code according to IEC 81346-2		

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	56.3 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=3SU1030-5PF01-0AA0-Z Y12">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1030-5PF01-0AA0-Z Y12</a>

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5PF01-0AA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5PF01-0AA0-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=3SU1030-5PF01-0AA0-Z Y12&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1030-5PF01-0AA0-Z Y12&lang=en</a>

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