## **SIEMENS**

## **Data sheet**



Key-operated switch BKS, 22 mm, round, plastic, lock number S1, with 2 keys, 3 switch positions I>O<II, momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O, with laser labeling, upper case and lower case, always upper case at beginning of line

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  marking of the actuating element  Any inscription, text in upper/lower case, every line begins with upper case letter  number of switching positions switch position for key distraction octuating angle oclockwise onticlockwise onticlockwise step 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 color of the front ring protection class IP of the terminal  No  No  Silver  metal silver metal silver metal silver metal silver  ### Any inscription, text in upper/lower case, every line begins with upper case letter  0  0  4  4  5  6  6  6  6  7  7  8  7  8  8  8  8  8  8  8  8  8  8  8  8  8	product brand name	SIRIUS ACT
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  of the actuating element shape of the actuating element marking of the actuating element marking of the actuating element marking of the actuating pelement actuating positions switch position for key distraction actuating agle e clockwise anticlockwise anticlockwise for anticlockwise sey anticlockwise sey anticlockwise design of the front ring product component front ring material of the front ring material of the roman ring material of the actuating element silver momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides notation actuating element netal ac	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 silver  material of the actuating element material of the actuating element shape of the actuating element Any inscription, text in upper/lower case, every line begins with upper case letter number of switching positions  switch position for key distraction actuating angle  oclockwise  anticlockwise  anticlockwise  because were material of the front ring actuating element Standard material of the front ring position back  General technical data  protection class IP  other actuating element assume momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides no entire in the source of the source of the source of the source on silver momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides no entire in the source of the sides of the source on source on silver momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides on the source on source on source on source on silver momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides on source on source on source on source on silver means of the source of the source of the source on source of the source of the source on silver means of the source of the source of the source on source of the source of	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 marking of the actuating element marking of the actuating element marking of the actuating element actuating element Any inscription, text in upper/lower case, every line begins with upper case letter number of switching positions switch position for key distraction octuating angle eclockwise anticlockwise senticlockwise lock make key number Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring for the color of the front ring general technical data protection class IP e of the terminal  Momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides No nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides No nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides No nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides No nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides No nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides No nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides No note of the actuating element metal silver silve	product line	Plastic, black, 22 mm
principle of operation of the actuating element product extension optional light source  color	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 marking of the actuating element Any inscription, text in upper/lower case, every line begins with upper case letter number of switching positions switch position for key distraction O actuating angle clockwise santiclockwise fock was supported to the front ring standard material of the front ring material of the front ring color of the front ring plastic color of the front ring formal technical data protection class IP formal front fron	Actuator	
color  • of the actuating element material of the actuating element shape of the actuating element cuter diameter of the actuating element marking of the actuating element Any inscription, text in upper/lower case, every line begins with upper case letter number of switching positions switch position for key distraction octuating angle clockwise santiclockwise santiclockwise solock make BCS 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  silver metal silver s	principle of operation of the actuating element	momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides
of the actuating element 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  Any inscription, text in upper/lower case, every line begins with upper case letter  number of switching positions  switch position for key distraction  octuating angle oclockwise anticlockwise selecter  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  protection class IP of the terminal  silver metal selement metal selement metal selement metal selement selemen	product extension optional light source	No
material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element  marking of the actuating element  Any inscription, text in upper/lower case, every line begins with upper case letter  number of switching positions  switch position for key distraction octuating angle elockwise elockwise anticlockwise lock make BCS 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  material of the terminal  metal  Key  Any inscription, text in upper/lower case, every line begins with upper case letter  Any inscription, text in upper/lower case, every line begins with upper case letter  9.5.5 mm  Any inscription, text in upper/lower case, every line begins with upper case letter  9.5.5 mm  Any inscription, text in upper/lower case, every line begins with upper case letter  9.5.5 mm  Any inscription, text in upper/lower case, every line begins with upper case letter  9.5.5 mm  Pes design of the front ring plastic color of the front ring plastic	color	
shape of the actuating element outer diameter of the actuating element marking of the actuating element  Any inscription, text in upper/lower case, every line begins with upper case letter  number of switching positions switch position for key distraction octuating angle oclockwise anticlockwise selecter  Iock make 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  Pay inscription, text in upper/lower case, every line begins with upper case letter  Any inscription, text in upper/lower case, every line begins with upper case letter  Octavity in upper/lower case, every line begins with upper case letter  Any inscription, text in upper/lower case, every line begins with upper case letter  Any inscription, text in upper/lower case, every line begins with upper case letter  Any inscription, text in upper/lower case, every line begins with upper case letter  Octavity in upper/lower case, every line begins with upper case letter  Any inscription, text in upper/lower case, every line begins with upper case letter  Octavity in upper/lower case, every line begins with upper case letter  Octavity in upper/lower case, every line begins with upper case letter  Octavity in upper/lower case, every line begins with upper case letter  Octavity in upper/lower case, every line begins with upper case letter  Octavity in upper/lower case, every line begins with upper case letter  Any inscription, text in upper/lower case, every line begins with upper case letter  Octavity in upper/lower case, every line begins with upper case letter  Octavity in upper/lower case letter	<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 upper/lower case, every line begins with upper case letter       number of switching positions     3       switch position for key distraction     O       actuating angle <ul> <li>clockwise</li> <li>anticlockwise</li> <li>45°</li> </ul> lock make     BCS       key number     S1       Front ring     Yes               design of the front ring             Standard               material of the front ring             plastic               color of the front ring             black               General technical data             IP66, IP67, IP69(IP69K)               of the terminal             IP20	material of the actuating element	metal
marking of the actuating element  Any inscription, text in upper/lower case, every line begins with upper case letter  number of switching positions  switch position for key distraction  octuating angle  clockwise  anticlockwise  anticlockwise  becs  key number  Front ring  product component front ring  design of the front ring  material of the front ring  material of the front ring  General technical data  protection class IP  of the terminal  Any inscription, text in upper/lower case, every line begins with upper case letter  Ocupation, text in upper/lower case, every line begins with upper case letter  Ocupation, text in upper/lower case, every line begins with upper case letter  Ocupation  Standard  Ples  BCS  Standard  plastic  black  General technical data  Protection class IP  of the terminal	shape of the actuating element	Key
number of switching positions  switch position for key distraction  actuating angle  • clockwise  • anticlockwise  • anticlockwise  Iock make  key number  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  o O  actuating apositions  A 5°  45°  BCS  BCS  key number  S1  Front ring  Yes  design of the front ring  plastic  plastic  plack  General technical data  protection class IP  • of the terminal	outer diameter of the actuating element	29.5 mm
switch position for key distraction  actuating angle  • clockwise  • anticlockwise  10ck make  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  o 45°  45°  18CS  45°  19CS  45°  45°  45°  45°  45°  45°  45°  45	marking of the actuating element	
actuating angle  • clockwise  • anticlockwise  45°  lock make  BCS  key number  S1  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  • clockwise  45°  S5  S1  Front ring  Yes  Standard  plastic  black  General technical data  IP66, IP67, IP69(IP69K)  IP20	number of switching positions	3
• clockwise	switch position for key distraction	0
o anticlockwise  lock make  BCS  key number  S1  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  o BCS  Standard  Yes  Standard  plastic  plastic  plastic  plack	actuating angle	
lock make BCS   key number \$1   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 IP66, IP67, IP69(IP69K)   ● of the terminal IP20	• clockwise	45°
key number  Front ring  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	<ul><li>anticlockwise</li></ul>	45°
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       IP66, IP67, IP69(IP69K)         ● of the terminal       IP20	lock make	BCS
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 terminal  Yes  Standard  plastic  black  Black  IP66, IP67, IP69(IP69K)  IP20	key number	S1
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 terminal  Standard plastic black  IP66, IP67, IP69(IP69K) IP20	Front ring	
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	product component front ring	Yes
color of the front ring  General technical data  protection class IP  of the terminal  black  IP66, IP67, IP69(IP69K)  IP20	design of the front ring	Standard
General technical data  protection class IP  of the terminal  IP66, IP67, IP69(IP69K)  IP20	material of the front ring	plastic
protection class IP IP66, IP67, IP69(IP69K)  ◆ of the terminal IP20	color of the front ring	black
• of the terminal IP20	General technical data	
	protection class IP	IP66, IP67, IP69(IP69K)
degree of protection NEMA rating	of the terminal	IP20
uegree or protection n∈ma rating	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
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
height width	29.5 mm 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 56.3 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 56.3 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=3SU1000-5PM01-0AA0-Z Y10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-5PM01-0AA0-Z Y10

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-5PM01-0AA0-Z Y10

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=3SU1000-5PM01-0AA0-Z Y10&lang=en

1/26/2022 last modified: