## SIEMENS

## Data sheet

## 3SU1000-5TF11-0AA0-Z Y15



Key-operated switch BKS, 22 mm, round, plastic, lock No. E9 (VW), without key, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal O+I, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product brand name	SIRIUS ACT	
product designation	Key-operated switches	
design of the product	Actuating/signaling element	
product type designation	3SU1	
product line	Plastic, black, 22 mm	
Actuator		
principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)	
product extension optional light source	No	
color		
<ul> <li>of the actuating element</li> </ul>	silver	
material of the actuating element	metal	
shape of the actuating element	Кеу	
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+I	
actuating angle		
clockwise	90°	
lock make	BCS	
key number	E9	
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		
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		
<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms	
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B	
vibration resistance		
<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g	
<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	

Ambient conditions         ambient temperature         • during operation         • during storage         -40 +80 °C         environmental category during operation according to IEC         60721         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         certificates/ approvals       25.4 mm         Further information       Information- and Downloadcenter (Catalogs, Brochures,)         https://www.siemens.com/ic10       Information- and Downloadcenter (Catalogs, Brochures,)         Ints://www.siemens.com/ic10       Industry Mall (Online ordering system)         Intustry./mall industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1000-5TF11-0AA0-Z Y15       Cas online generator	Substance Prohibitance (Date)	10/01/2014	
<ul> <li>during operation</li> <li>-25 +70 °C</li> <li>during storage</li> <li>-40 +80 °C</li> <li>aM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)</li> <li>aM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)</li> <li>aM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)</li> <li>aM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)</li> <li>aM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)</li> <li>aM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)</li> <li>aM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)</li> <li>aM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)</li> <li>aM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)</li> <li>aM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)</li> <li>aM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)</li> <li>aM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)</li> <li>aM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)</li> <li>aM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)</li> <li>aM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)</li> <li>aM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)</li> <li>aM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)</li> <li>aM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)</li> <li>amounting diameter</li> <li>appoint the installation opening</li> <li>round</li> <li>mounting height</li> <li>amounting height</li> <li>amounting height</li> <li>approvals</li> </ul> Further information Information- and Downloadcenter (Catalogs, Brochures,) https://www.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1000-5TF11-0AA0-Z Y15 Cax online generator	Ambient conditions		
• 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       29.5 mm         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       Event         Further information       Information- and Downloadcenter (Catalogs, Brochures,)         https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1000-5TF11-0AA0-Z Y15         Cax online generator       Categolyproduct?mlfb=3SU1000-5TF11-0AA0-Z Y15	ambient temperature		
environmental category during operation according to IEC       3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)         60721       3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)         Installation/ mounting/ dimensions       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         certificates/ approvals       25.4 mm         Further information         Information- and Downloadcenter (Catalogs, Brochures,)         https://mwl.siemens.com/ic10       Industry Mall (Online ordering system)         https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1000-5TF11-0AA0-Z Y15         Cax online generator       Cax online generator	<ul> <li>during operation</li> </ul>	-25 +70 °C	
60721     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 diameter     0.4 mm       certificates/ approvals     56.3 mm       Further information       Information-     approvals       Further information     25.4 mm       Information-     approvals       Further information     Information-       Industry Mall (Online ordering system)     https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1000-5TF11-0AA0-Z Y15       Cax online generator     Catalogs	during storage	-40 +80 °C	
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       29.5 mm         Certificates/ approvals       29.5 mm         Further information       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=3SU1000-5TF11-0AA0-Z Y15         Cax online generator       Cax online generator		3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)	
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       29.5 mm         Certificates/ approvals       29.5 mm         Further information       25.4 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=3SU1000-5TF11-0AA0-Z Y15         Cax online generator       Cax online generator	Installation/ mounting/ dimensions		
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)         https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1000-5TF11-0AA0-Z Y15         Cax online generator	height	29.5 mm	
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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       Eurther 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=3SU1000-5TF11-0AA0-Z Y15         Cax online generator       Catalogs	shape of the installation opening	round	
mounting height       56.3 mm         installation width       29.5 mm         installation depth       25.4 mm         Certificates/ approvals       Eurther information         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=3SU1000-5TF11-0AA0-Z Y15         Cax online generator	mounting diameter	22.3 mm	
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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=3SU1000-5TF11-0AA0-Z Y15 Cax online generator	mounting height	56.3 mm	
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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=3SU1000-5TF11-0AA0-Z Y15 Cax online generator	Certificates/ approvals		
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http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-5TF11-0AA0-Z Y15 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-5TF11-0AA0-Z Y15 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,)			

last modified:

1/26/2022 🖸