

key-operated switch Siemens with key monitoring, 22 mm, round, plastic, special lock with 2 keys, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal/ejection in O

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

manner of function of the actuating element	latching, 90° (10:30 h/13:30 h)
product extension optional light source	No
color	
of the actuating element	silver
material of the actuating element	metal
shape of the actuating element	Key
outer diameter of the actuating element	29.5 mm
number of switching positions	2
switch position for key distraction	O
actuating angle	
clockwise	90°
lock make	CES

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	
- acc. to IEC 60068-2-27 - for railway applications acc. to DIN EN 61373	Sinusoidal half-wave 50g / 11 ms Category 1, Class B
vibration resistance	
- acc. to IEC 60068-2-6 - for railway applications acc. to DIN EN 61373	10 ... 500 Hz: 5g Category 1, Class B
operating frequency maximum	1 800 1/h

mechanical service life (switching cycles)	
• typical	1 000 000
reference code acc. to DIN EN 81346-2	S

Ambient conditions

environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %)
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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	61 mm
installation width	29.5 mm
installation depth	25.4 mm

Certificates/ approvals

General Product Approval	Declaration of Conformity	Test Certificates
 CSA	 UL	 EAC
	 EG-Konf.	Miscellaneous Type Test Certificates/Test Report

Test Certificates	Marine / Shipping
Special Test Certificate	 ABS
	 LRS
	 PRS
	 RINA
	 RMRS

other
Confirmation

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=3SU1000-5JF01-0AA0-Z Y01>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-5JF01-0AA0-Z Y01>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-5JF01-0AA0-Z Y01>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-5JF01-0AA0-Z Y01&lang=en

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