



key-operated switch Siemens, 22 mm, round, metal, shiny, lock no. VL5, with 2 keys, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal O, with laser labeling, lower case

product brand name	SIRIUS ACT
product designation	Key-operated switches
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Metal, shiny, 22 mm
manufacturer's article number of included key	<a href="#">3SU1950-0FQ80-0AA0</a>
<b>Actuator</b>	
principle of operation 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
marking of the actuating element	Any inscription, text in lower case
number of switching positions	2
switch position for key distraction	O
actuating angle	
• clockwise	90°
lock make	Siemens
key number	VL5
<b>Front ring</b>	
product component front ring	Yes
design of the front ring	Standard
material of the front ring	Metal, high gloss
color of the front ring	silver
<b>General technical data</b>	
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
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
operating frequency maximum	1 800 1/h
mechanical service life (switching cycles) typical	300 000
reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	10/01/2014
<b>Ambient conditions</b>	

<b>ambient temperature</b>	
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> </ul>	<p>-25 ... +70 °C</p> <p>-40 ... +80 °C</p>
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%)

#### Installation/ mounting/ dimensions

<b>height</b>	29.5 mm
<b>width</b>	29.5 mm
<b>shape of the installation opening</b>	round
<b>mounting diameter</b>	22.3 mm
<b>positive tolerance of installation diameter</b>	0.4 mm
<b>mounting height</b>	61 mm
<b>installation width</b>	29.5 mm
<b>installation depth</b>	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=3SU1050-5KF01-0AA0-Z Y12>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5KF01-0AA0-Z Y12>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5KF01-0AA0-Z Y12>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1050-5KF01-0AA0-Z Y12&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5KF01-0AA0-Z Y12&lang=en)

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