SIEMENS

Data sheet



key-operated switch Siemens, 22 mm, round, plastic with metal front ring, lock no. LSG1, with 2 keys, 2 switch positions O<I, momentary contact type, actuating angle 45°, 10:30h/12h, key removal O, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product brand name product designation Key-operated switches 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 of the actuating element silver material of the actuating element marking of switching positions switch position for key distraction actuating angle • clockwise lock make key number \$\text{Siemens}\$ \$\text{LSG1}\$ Front ring material of the front ring source \$\text{Siemens}\$ \$\text{Send gray}\$ Metal, matt color of the front ring sand gray \$\text{Send gray}\$ Material of the front ring sand gray \$\text{Send gray}\$ Material of the front ring sand gray \$\text{Send gray}\$ \$\text{Metal, matt} \$\text{Send gray}\$ \$\text{Siemens}\$ \$\text{Send gray}\$ \$\text{Send gray}\$ \$\text{Metal, matt} \$\text{Send gray}\$ \$\text{Send gray}\$ \$\text{Send gray}\$ \$\text{Siemens}\$ \$\text{Send gray}\$ \$\text{Send gray}\$ \$\text{Send gray}\$ \$\text{Siemens}\$ \$\text{Send gray}\$ \$\t	letters
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product line Plastic with metal front ring, matt, 22 mm manufacturer's article number of included key Actuator principle of operation of the actuating element momentary contact, 45° (10:30 h/12 h), return from center to left product extension optional light source No color • of the actuating element metal shape of the actuating element Key outer diameter of the actuating element Any inscription, text in upper/lower case, all words begin with upper case switch position for key distraction O actuating angle • clockwise 45° lock make Siemens key number LSG1 Front ring product component front ring Yes design of the front ring Metal, matt	letters
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color of the front ring	
color of the front ring	
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	
• according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	
• for railway applications according to EN 61373 Category 1, Class B	
vibration resistance	
• according to IEC 60068-2-6 10 500 Hz: 5g	
• for railway applications according to EN 61373 Category 1, Class B	
operating frequency maximum 1 800 1/h	
mechanical service life (operating cycles) typical 1 000 000	
reference code according to IEC 81346-2 S	

Safety related data		
B10 value with high demand rate according to SN 31920	500 000	
proportion of dangerous failures		
 with low demand rate according to SN 31920 	20 %	
 with high demand rate according to SN 31920 	20 %	
failure rate [FIT] with low demand rate according to SN 31920	100 FIT	
Ambient conditions		
ambient temperature		
 during operation 	-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	61 mm	
installation width	29.5 mm	
installation depth	25.4 mm	
Certificates/ approvals		
Further information		

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3SU1030-5HC01-0AA0-Z Y15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5HC01-0AA0-Z Y15

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5HC01-0AA0-Z Y15

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-5HC01-0AA0-ZY15&lang=en

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