3SU1000-5HF11-0AA0

Data sheet



key-operated switch Siemens, 22 mm, round, plastic, lock no. LSG1, with 2 keys, 2 switch positions O-I, latching, actuating angle $90^\circ,\,10:\!30h/13:\!30h,$ key removal O+I

product brand name product designation Key-operated switches design of the product Product type designation Product time Plastic, black, 22 mm Plastic, bl		
design of the product product type designation product tine product line Plastic, black, 22 mm Plastic, black, 22 mm product line principle of operation of the actuating element product extension optional light source of the actuating element silver material of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element product extension optional light source olor other actuating element shape of the actuating element shape of the actuating element shape of the actuating element product design of the front ring plastic protection class IP of the terminal protection class I	product brand name	SIRIUS ACT
product type designation product line Plastic, black, 22 mm manufacturer's article number of included key Actuator principle of operation of the actuating element product extension optional light source color • of the actuating element silver material of the actuating element shape of the actuating element shape of the actuating element (Key outer diameter of the actuating element pumber of switching positions 2 switch position for key distraction outer diameter of the actuating element (LSG1 Cockwise • clockwise • clockwise • clockwise 90° clockwise 1.8G1 Front ring Front ring Yes design of the front ring design of the front ring plastic color of the front ring color of the front ring color of the front ring degree of protection NEMA rating degree of protection NEMA rating 1.2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-27 • for reliway applications according to EN 61373 category 1, Class B operating frequency maximum 1,800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) during operation -25 +70 °C	product designation	Key-operated switches
product line Plastic, black, 22 mm manufacturer's article number of included key 35U1950-0FN80-0AA0 Actuator principle of operation of the actuating element product extension optional light source No of the actuating element silver material of the actuating element material of the actuating element Metal Shape of the actuating element Metal Metal Metal Shape of the actuating element Metal	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 material of the actuating element shape of the actuating shape with shape of the actuating element shape of the shape with shape shape element shape of the shape element shape of the front ring general element shape of the front ring shape of the front ring shape element shape of the shape element shape	product type designation	3SU1
Actustor principle of operation of the actuating element product extension optional light source color • of the actuating element material of the actuating element silver material of the actuating element skey outer diameter of the actuating element number of switching positions 2 switch position for key distraction actuating angle • clockwise lock make key number LSG1 Front ring product component front ring design of the front ring design of the front ring attention of the front ring color of the front ring black Ceneral technical data protection class IP • of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation LSG1 attaining 90° Color of the front ring black Ceneral technical data protection class IP • of the terminal lP20 class B Substance Prohibitance (Date) JON 1/2014 Ambient conditions ambient temperature • during operation -25 +70 °C	product line	Plastic, black, 22 mm
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 youter diameter of the actuating element pouter diameter of the actuating element 29.5 mm number of switching positions 2 switch position for key distraction actuating angle elockwise 90° lock make Siemens key number LSG1 Front ring product component front ring design of the front ring plastic color of the front ring color of the front ring black General technical data Protection class IP of the terminal degree of protection NEMA rating shock resistance e according to IEC 60068-2-27 e for railway applications according to EN 61373 Category 1, Class B operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature e during operation -25 +70 °C	manufacturer's article number of included key	3SU1950-0FN80-0AA0
product extension optional light source color of the actuating element material of the actuating element shape of switching positions 2 switch position for key distraction O+I actuating angle ot clockwise lock make Siemens key number LSG1 Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms operating frequency maximum shock resistance according to IEC 61346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature of during operation -25 +70 °C	Actuator	
color • of the actuating element silver material 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+I actuating angle • clockwise 90° lock make Siemens key number LSG1 Front ring product component front ring Yes design of the front ring plastic color of the front ring plastic color of the front ring black General technical data protection class IP • of the terminal lP20 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 operating frequency maximum 1800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature • during operation -25 +70 °C	principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)
• of the actuating element metal material of the actuating element Metal shape of the actuating element Mey outer diameter of the actuating element 29.5 mm number of switching positions 2 switch position for key distraction O+I actuating angle • clockwise 90° lock make Siemens key number LSG1 Front ring product component front ring Yes design of the front ring plastic color of the front ring plastic color of the front ring black General technical data protection class IP • 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 operating frequency maximum 1800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S Substance Prohibitance (Date) • during operation -25 +70 °C	product extension optional light source	No
material of the actuating element shape of the actuating element very couter diameter of the actuating element number of switching positions 2 switch position for key distraction actuating angle ● clockwise ● 90° lock make key number LSG1 Front ring product component front ring design of the front ring standard material of the front ring color of the front ring plastic color of the front ring black General technical data protection class IP ● of the terminal degree of protection NEMA rating shock resistance ● according to IEC 60068-2-27 ● for railway applications according to EN 61373 operating frequency maximum 1800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature ● during operation -25 +70 °C	color	
shape of the actuating element outer diameter of the actuating element number of switching positions 2 switch position for key distraction actuating angle • clockwise 90° lock make Siemens key number LSG1 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 degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) ambient temperature • during operation -25 +70 °C	 of the actuating element 	silver
outer diameter of the actuating element number of switching positions 2 switch position for key distraction actuating angle clockwise 90° lock make key number LSG1 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 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 of or railway applications according to EN 61373 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature o during operation	material of the actuating element	metal
number of switching positions 2 switch position for key distraction 0+I actuating angle	shape of the actuating element	Key
switch position for key distraction actuating angle • clockwise 90° lock make Siemens key number LSG1 Front ring product component front ring design of the front ring color of the front ring plastic color of the front ring black General technical data protection class IP • of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation 0+I 90° 90° 90° Siemens Negative 1 Square 90° Standard 90° Standard 91 Standard 91 Standard 91 Standard 91 Standard 91 Ple6, IP67, IP69(IP69K) 1P20 1P20 1P20 1P20 4 Sinusoidal half-wave 15g / 11 ms Category 1, Class B 000000 18000000 1800000000000000000	outer diameter of the actuating element	29.5 mm
actuating angle	number of switching positions	2
clockwise 90°	switch position for key distraction	O+I
lock make key number LSG1 Front ring product component front ring design of the front ring material of the front ring color of the front ring glastic color of the front ring General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 operating frequency maximum nechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature o during operation	actuating angle	
key number Front ring Front ring Yes	• clockwise	90°
product component front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black General technical data protection class IP of the terminal protection NEMA rating shock resistance according to IEC 60068-2-27 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Substance Prohibitance (Date) Ambient temperature o during operation Yes Standard Yes Standard St	lock make	Siemens
product component front ring design of the front ring material of the front ring plastic color of the front ring protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 of railway applications according to EN 61373 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature o during operation Yes Standard Yes Standard Standard Plastic P	key number	LSG1
design of the front ring material of the front ring plastic color of the front ring black General technical data protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 operating frequency maximum reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature during operation Standard plastic Standard plastic Standard plastic Standard plastic Standard plastic Standard splastic Standard spl	Front ring	
material of the front ring plastic color of the front ring black General technical data protection class IP IP20 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 operating frequency maximum 1800 1/h mechanical service life (operating cycles) typical 1000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature • during operation -25 +70 °C	product component front ring	Yes
color of the front ring black General technical data protection class IP of the terminal IP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance of according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms of 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 Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature of during operation -25 +70 °C	design of the front ring	Standard
protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 operating frequency maximum rechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature during operation IP66, IP67, IP69(IP69K) IP20 IP68, IP67, IP69(IP69K) IP20 Category 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 15g / 11 ms Category 1, Class B Operating frequency maximum 1 800 1/h 1 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) I0/01/2014	material of the front ring	plastic
protection class IP of the terminal lp20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance of according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms of railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature of during operation lp20 Inp20 In	color of the front ring	black
of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance of according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms of railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature of during operation IP20 1, 2, 3, 3R, 4, 4X, 12, 13 1 ms Category 1, Class B 1 800 1/h 2 S Substance Prohibitance (Date) -25 +70 °C	General technical data	
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 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation 1, 2, 3, 3R, 4, 4X, 12, 13 1 ms Category 1, Class B 0 000 000 1 000 000 1 000 000 1 000 000	protection class IP	IP66, IP67, IP69(IP69K)
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 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical 1 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature • during operation -25 +70 °C	of the terminal	IP20
• according to IEC 60068-2-27	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
	shock resistance	
operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature • during operation 1 800 1/h 1 000 000 1 000 000 1 000 000 1 000 000	 according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms
mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation 1 000 000 S 10/01/2014 Archive in the probability is a service in the probability in the probability is a service in the probability in the probability is a service in the probability in the probability is a service in the probability in the probability is a service in the probability in the probability is a service in the probability in the probability is a service in the probability in the probability is a service in the probability in the probability is a service in the probability in the probability is a service in the probability in the probability is a service in the probability in the probability is a service in the probability in the probability is a service in the probability in the probability is a service in the probability in the probability is a service in the probability in the probability is a service in the probability in the probability is a service in the probability in the probability is a service in the probability in the probability in the probability is a service in the probability in the probability in the probability is a service in the probability in the pr	 for railway applications according to EN 61373 	Category 1, Class B
reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature • during operation -25 +70 °C	operating frequency maximum	1 800 1/h
Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation 10/01/2014 -25 +70 °C	mechanical service life (operating cycles) typical	1 000 000
Ambient conditions ambient temperature • during operation -25 +70 °C	reference code according to IEC 81346-2	S
ambient temperature ◆ during operation -25 +70 °C	Substance Prohibitance (Date)	10/01/2014
• during operation -25 +70 °C	Ambient conditions	
	ambient temperature	
◆ during storage −40 +80 °C	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%)
Environmental footprint	
Environmental Product Declaration(EPD)	Yes
Global Warming Potential [CO2 eq] total	0.787 kg
Global Warming Potential [CO2 eq] during manufacturing	0.566 kg
Global Warming Potential [CO2 eq] during operation	0.235 kg
global warming potential [CO2 eq] after end of life	-0.015 kg
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 width installation depth	29.5 mm 25.4 mm



General Product Approval

Confirmation







Declaration of Conformity



Test Certificates

Marine / Shipping

Type Test Certificates/Test Report

Special Test Certificate









other **Environment**

> **Environmental Con-**Confirmation

firmations

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=3SU1000-5HF11-0AA0

Cax online generator

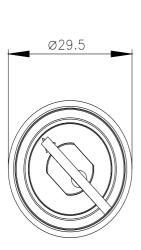
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-5HF11-0AA0

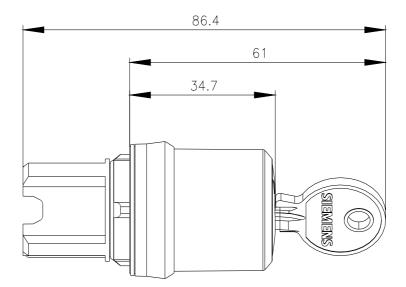
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-5HF11-0AA0

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-5HF11-0AA0&lang=en





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