SIEMENS

Data sheet



Selector switch, illuminable, 30 mm, round, Metal, matte, red, selector switch, short, front ring for flush installation, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, with laser labeling, upper case and lower case, always upper case at the beginning of the word

number of command points clustor design of the actuating element product extension optional ight source contact module color of the actuating element material of the actuating element product extension optional ight source contact module color of the actuating element material of the actuating element product extension optional plastic shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element puter diameter of the actuating element puter diameter of the actuating element puter diameter of the actuating element customized labeling, text in lower case / capital letters, all words start with capital letters product component front ring material of the front ring material of the front ring material of the front ring protection class IP degree of protection NEMA rating protection class IP degree of protection NEMA rating protection class IP degree of protection NEMA rating protection class IP degree of protection Semana according to EN 61373 category 1, Class B vibration resistance according to IEC 60068-2-6 if or railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical	product brand name	SIRIUS ACT
product type designation product line Metal, matt, flat, 30 mm Inclosure number of command points totator design of the actuating element principle of operation of the actuating element ilight source contact module color of the actuating element ilight source in contact module color of the actuating element plastic shape of the actuating element pastic shape of the actuating element practic of the actuating element product extension optional ilight source in contact module yes color of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element product diameter of the actuating element product original element product component front ring product component front ring product component front ring Metal, matt color of the front ring Metal, matt color of the front ring Metal, matt color of the front ring protection class IP degree of protection MEMA rating HP66, IP67, IP69(IP68K) degree of protection MEMA rating in L2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 6068-2-27 in long plications according to EN 61373 Category 1, Class B vibration resistance according to IEC 6068-2-6 for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 6068-2-6 for railway applications according to EN 61373 Category 1, Class B operating frequency maximum I 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S	product designation	Selector switches
product type designation product line Metal, matt, flat, 30 mm Inclosure number of command points totator design of the actuating element principle of operation of the actuating element ilight source contact module color of the actuating element ilight source in contact module color of the actuating element plastic shape of the actuating element pastic shape of the actuating element practic of the actuating element product extension optional ilight source in contact module yes color of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element product diameter of the actuating element product original element product component front ring product component front ring product component front ring Metal, matt color of the front ring Metal, matt color of the front ring Metal, matt color of the front ring protection class IP degree of protection MEMA rating HP66, IP67, IP69(IP68K) degree of protection MEMA rating in L2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 6068-2-27 in long plications according to EN 61373 Category 1, Class B vibration resistance according to IEC 6068-2-6 for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 6068-2-6 for railway applications according to EN 61373 Category 1, Class B operating frequency maximum I 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S	design of the product	Actuating/signaling element
number of command points cituator design of the actuating element principle of operation of the actuating element principle of operation of the actuating element Selector, short Iatching, 90* (10:30 h/13:30 h) Iatching, 90* (10:30 h/13:30 h/13:	<u> </u>	
number of command points clustor design of the actuating element product extension optional ight source contact module coror of the actuating element material of the actuating element material of the actuating element marking of the fort actuating element marking of the foot actuating element marking of the foot actuating element product component front ring product component front ring felst material of the front ring mater	product line	Metal, matt, flat, 30 mm
design of the actuating element Selector, short Activity of the actuating element principle of operation of the actuating element product extension optional Ight source	Enclosure	
design of the actuating element principle of operation of the actuating element latching, 90° (10:30 h/13:30 h) product extension optional element yes econtact module Yes cort of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element 38 mm marking of the actuating element 38 mm marking of the actuating element capital letters outer diameter of the actuating element 38 mm marking of the actuating selement 20 customized labeling, text in lower case / capital letters, all words start with capital letters outer diameter of the actuating element 20 customized labeling, text in lower case / capital letters, all words start with capital letters outer of switching positions 2 actuating angle electric occowing actual letters 20 op ° product component front ring 48 yes design of the front ring 49 yes design of the front ring 59 yes design	number of command points	1
principle of operation of the actuating element product extension optional • light source • contact module color of the actuating element material of the actuating element pastic shape of the actuating element shape of the actuating element plastic shape of the actuating element shape of the actuating element pastic shape of the actuating element shape of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters color of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters colockwise 90° ront ring product component front ring design of the front ring flat material of the front ring Metal, matt color of the front ring sand gray oneral technical dat protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 of railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-1 of or railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-1 of or railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B	Actuator	
product extension optional light source Yes	design of the actuating element	Selector, short
product extension optional light source Yes	principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)
color of the actuating element material of the actuating element marking of the actuating element number of switching positions 2 actuating angle clockwise 90° ront ring product component front ring design of the front ring Metal, matt color of the front ring sand gray eneral technical data protection class IP 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 S ref red plastic plastic plasti	· · · · · · · · · · · · · · · · · · ·	
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material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters of switching positions 2 actuating angle clockwise 90° ront ring product component front ring Metal, matt color of the front ring material of the front ring mater	contact module	Yes
shape of the actuating element outer diameter of the actuating element ask mm marking of the actuating element cupital letters actuating angle clockwise ociockwise	color of the actuating element	red
outer diameter of the actuating element marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions 2 actuating angle clockwise 90° ront ring product component front ring flat material of the front ring material of the front ring color of the front ring meterial of the front ring protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 category 1, Class B vibration resistance according to IEC 60068-2-6 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 81348-2 S simusoidal half-wave 15g / 11 ms Category 1, Class B	material of the actuating element	plastic
marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters 2 actuating angle	shape of the actuating element	Handle
capital letters number of switching positions 2 actuating angle	outer diameter of the actuating element	38 mm
actuating angle	marking of the actuating element	
e clockwise 90° ront ring product component front ring Yes design of the front ring Flat material of the front ring Metal, matt color of the front ring sand gray eneral technical data protection class IP IP66, IP67, IP69(IP69K) 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 of or railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g of or 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	number of switching positions	2
product component front ring product component front ring design of the front ring material of the front ring material of the front ring color of the front ring sand gray eneral technical data protection class IP 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 ofor railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 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 S	actuating angle	
product component front ring design of the front ring material of the front ring Metal, matt color of the front ring sand gray eneral technical data protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 category 1, Class B vibration resistance according to IEC 60068-2-6 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 S	clockwise	90°
design of the front ring material of the front ring Metal, matt color of the front ring sand gray eneral technical data protection class IP 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 of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 of or 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 S	Front ring	
material of the front ring color of the front ring sand gray eneral technical data protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B vibration resistance for railway applications according to EN 61373 Category 1, Class B category 1, Class B category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S	product component front ring	Yes
sand gray eneral technical data protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-6 • 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 S	design of the front ring	Flat
protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance	material of the front ring	Metal, matt
protection class IP degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-6 • 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 S	color of the front ring	sand gray
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B vibration resistance • 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 S	General technical data	
shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 category 1, Class B vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B category 1, Class B category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S	protection class IP	IP66, IP67, IP69(IP69K)
according to IEC 60068-2-27 inusoidal half-wave 15g / 11 ms for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 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 S	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 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 S Category 1, Class B 300 000 S	shock resistance	
vibration resistance • according to IEC 60068-2-6 • 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 S	 according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms
• according to IEC 60068-2-6 • 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 S	 for railway applications according to EN 61373 	Category 1, Class B
● 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 S	vibration resistance	
operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical 300 000 reference code according to IEC 81346-2 S	• according to IEC 60068-2-6	10 500 Hz: 5g
mechanical service life (operating cycles) typical 300 000 reference code according to IEC 81346-2 S	 for railway applications according to EN 61373 	Category 1, Class B
reference code according to IEC 81346-2	operating frequency maximum	1 800 1/h
	mechanical service life (operating cycles) typical	300 000
Substance Prohibitance (Date) 10/01/2014	reference code according to IEC 81346-2	S
	Substance Prohibitance (Date)	10/01/2014

Safety related data	
B10 value with high demand rate according to SN 31920	100 000
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	44.8 mm
width	38 mm
shape of the installation opening	round
mounting diameter	30.5 mm
positive tolerance of installation diameter	0.5 mm
mounting height	22.1 mm
installation width	38 mm
installation depth	32.1 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=3SU1062-2DF20-0AA0-Z Y15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1062-2DF20-0AA0-Z Y15

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1062-2DF20-0AA0-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=3SU1062-2DF20-0AA0-Z Y15&lang=en

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