3SU1001-0AD30-0AA0-Z Y15

Data sheet



Indicator light in illuminated pushbutton design, 22 mm, round, plastic, yellow, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product designation design of the product product type designation product line Plastic, black, 22 mm Plastic, bl	product brand name	SIRIUS ACT
product type designation product line Plastic, black, 22 mm Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element product extension optional • light source • contact module color of the actuating element material of the actuating element which actuating element plastic shape of the actuating element couter diameter of the actuating element marking of the actuating element cuter diameter of the actuating element product component front ring product component front ring festion of the front ring general echnical data protection class IP degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions • ambient temperature during operation 3SU1 plastic, black, 22 mm Illiuminated pushbutton design prised beauting dushbutton design prized key (Bliuminated pushbutton design prized key (Fixed key (Bliuminated pushbutton design prized key (Fixed key (Fix	product designation	Indicator lights
product type designation product line Plastic, black, 22 mm Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element product extension optional • light source • contact module color of the actuating element material of the actuating element which actuating element plastic shape of the actuating element couter diameter of the actuating element marking of the actuating element cuter diameter of the actuating element product component front ring product component front ring festion of the front ring general echnical data protection class IP degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions • ambient temperature during operation 3SU1 plastic, black, 22 mm Illiuminated pushbutton design prised beauting dushbutton design prized key (Bliuminated pushbutton design prized key (Fixed key (Bliuminated pushbutton design prized key (Fixed key (Fix	design of the product	Actuating/signaling element
Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element product extension optional • light source • contact module color of the actuating element glastic shape of the actuating element outer diameter of the actuating element marking of the actuating element with capital letters Front ring product component front ring design of the front ring color of the front ring plastic standard material of the front ring design of the front ring color of the front ring standard protection class IP degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions • ambient temperature during operation Jess Wes Illuminated pushbutton design Fixed key Yes Ves Customized labeling, text in lower case / capital letters, all words start with capital letters Ves Customized labeling, text in lower case / capital letters, all words start with capital element Ves Standard Standard Illuminated pushbutton design Standard Standard Illuminated pushbutton design Standard Illuminated pushbutton design Standard Illuminated pushbutton design Standard Standard Illuminated pushbutton design Standard Illuminated pushbutton design Illuminated pushbutton design Standard Illuminated pushbutton design Standard Illuminated pushbutton design Standard Illuminate pushbutton design I		3SU1
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Actuator design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element product extension optional light source color of the actuating element pastic shape of the actuating element pouter diameter of the actuating element product component from tring product component front ring product component front ring product component front ring product component front ring protection class IP degree of protection NEMA rating shock resistance acc. to IEC 60068-2-27 for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions lilluminated pushbutton design Fixed key Fix	Enclosure	
design of the actuating element principle of operation of the actuating element product extension optional	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 outer diameter of the actuating element marking of the actuating element cuter diameter of the actuating element marking of the actuating element product component front ring product component front ring design of the front ring material of the front ring color of the front ring plastic color of the front ring general technical data protection class IP degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions • ambient temperature during operation Yes Yes Customized labeling, text in lower case / capital letters, all words start with capital letters Yes Ves Associated abeling, text in lower case / capital letters, all words start with capital letters Pyes Ves Standard plastic color of the front ring plastic standard standard plastic standard	Actuator	
product extension optional ilight source Yes	design of the actuating element	Illuminated pushbutton design
Iight source Yes	principle of operation of the actuating element	Fixed key
ontact module color of the actuating element material of the actuating element shape of the actuating element outer diameter 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 Front ring product component front ring yes design of the front ring color of the front ring plastic color of the front ring black General technical data protection class IP degree of protection NEMA rating shock resistance acc. to IEC 60068-2-27 for railway applications acc. to DIN EN 61373 vibration resistance acc. to IEC 60068-2-6 for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions ambient temperature during operation -25 +70 °C	product extension optional	
color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element product component front ring product component front ring general echnical data protection class IP degree of protection NEMA rating shock resistance acc. to IEC 60068-2-27 for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions yellow plastic cound cound customized labeling, text in lower case / capital letters, all words start with capital letters Yes design of the front ring Standard plastic color of the front ring black General technical data protection class IP lP66, IP67, IP69(IP69K) 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 Category 1, Class B category 1, Class B reference code acc. to IEC 81346-2 S Ambient temperature during operation -25 +70 °C	 light source 	Yes
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 Front ring product component front ring design of the front ring material of the front ring color of the front ring black General technical data protection class IP degree of protection NEMA rating shock resistance e acc. to IEC 60068-2-27 of or railway applications acc. to DIN EN 61373 vibration resistance e acc. to IEC 60068-2-6 of or railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions e ambient temperature during operation plastic customized labeling, text in lower case / capital letters, all words start with capital letters round customized labeling, text in lower case / capital letters, all words start with capital letters round customized labeling, text in lower case / capital letters, all words start with capital letters round customized labeling, text in lower case / capital letters, all words start with capital letters Front ring Yes design of the front ring Standard plastic color of the front ring black General technical data protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 50g / 11 ms Category 1, Class B vibration resistance acc. to IEC 60068-2-6 bfor railway applications acc. to DIN EN 61373 Category 1, Class B	contact module	Yes
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 Front ring product component front ring design of the front ring material of the front ring color of the front ring plastic color of the front ring black General technical data protection class IP degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions • ambient temperature during operation -25 +70 °C	color of the actuating element	yellow
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 Front ring product component front ring design of the front ring material of the front ring color of the front ring Black General technical data protection class IP degree of protection NEMA rating shock resistance acc. to IEC 60068-2-27 for railway applications acc. to DIN EN 61373 vibration resistance acc. to IEC 60068-2-6 for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions a antient element 29.5 mm Customized labeling, text in lower case / capital letters, all words start with capital letters Customized labeling, text in lower case / capital letters, all words start with capital letters Customized labeling, text in lower case / capital letters, all words start with capital letters Customized labeling, text in lower case / capital letters Standard Ples (IP69 (IP69 K) 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 50g / 11 ms Category 1, Class B Category 1, Class B Ference code acc. to IEC 81346-2 S Ambient conditions a mile actients a mile actients and a mile actients category 1, Class B 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 Pront ring product component front ring design of the front ring material of the front ring Color of the front ring General technical data protection class IP degree of protection NEMA rating shock resistance acc. to IEC 60068-2-27 for railway applications acc. to DIN EN 61373 vibration resistance acc. to IEC 60068-2-6 for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions ambient temperature during operation Customized labeling, text in lower case / capital letters, all words start with capital letters Customized labeling, text in lower case / capital letters With capital letters Pres Standard plastic Dlack IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 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 Category 1, Class B S Ambient conditions ambient temperature during operation -25 +70 °C	shape of the actuating element	round
Front ring product component front ring design of the front ring material of the front ring color of the front ring plastic color of the front ring black General technical data protection class IP degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions • ambient temperature during operation Yes Yes Yes 1, 2, 3 Standard Plastic Dlastic Dlack IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 50g / 11 ms Category 1, Class B 10 500 Hz: 5g Category 1, Class B	outer diameter of the actuating element	29.5 mm
product component front ring design of the front ring material of the front ring color of the front ring plastic black General technical data protection class IP degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions • ambient temperature during operation Yes Standard Ples Standard Plastic Sinusoidal half-waye 50g / 11 ms Category 1, Class B Category 1, Class B Category 1, Class B Sambient conditions	marking of the actuating element	
design of the front ring material of the front ring plastic color of the front ring plack General technical data protection class IP degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 category 1, Class B vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 category 1, Class B reference code acc. to IEC 81346-2 S Ambient conditions • ambient temperature during operation -25 +70 °C	Front ring	
material of the front ring color of the front ring black General technical data protection class IP lP66, IP67, IP69(IP69K) 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 vibration resistance acc. to IEC 60068-2-6 for railway applications acc. to DIN EN 61373 category 1, Class B vibration resistance for railway applications acc. to DIN EN 61373 category 1, Class B reference code acc. to IEC 81346-2 S Ambient conditions ambient temperature during operation -25 +70 °C	product component front ring	Yes
color of the front ring General technical data protection class IP lefe, IP67, IP69(IP69K) degree of protection NEMA rating shock resistance acc. to IEC 60068-2-27 for railway applications acc. to DIN EN 61373 vibration resistance acc. to IEC 60068-2-6 for railway applications acc. to DIN EN 61373 category 1, Class B vibration resistance for railway applications acc. to DIN EN 61373 category 1, Class B category 1, Class B category 1, Class B shock resistance acc. to IEC 60068-2-6 for railway applications acc. to DIN EN 61373 category 1, Class B reference code acc. to IEC 81346-2 Shock resistance acc. to IEC 81346-2 shock resistance acc. to IEC 81346-2 shock resistance acc. to IEC 60068-2-7 shock r	design of the front ring	Standard
protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms • for railway applications acc. to DIN EN 61373 Category 1, Class B vibration resistance • acc. to IEC 60068-2-6 10 500 Hz: 5g • for railway applications acc. to DIN EN 61373 Category 1, Class B reference code acc. to IEC 81346-2 S Ambient conditions • ambient temperature during operation -25 +70 °C	material of the front ring	plastic
protection class IP 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 vibration resistance • acc. to IEC 60068-2-6 • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 Category 1, Class B vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 Category 1, Class B reference code acc. to IEC 81346-2 S Ambient conditions • ambient temperature during operation -25 +70 °C	color of the front ring	black
degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 category 1, Class B vibration resistance • for railway applications acc. to DIN EN 61373 category 1, Class B reference code acc. to IEC 81346-2 Ambient conditions • ambient temperature during operation -25 +70 °C	General technical data	
shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 Category 1, Class B vibration resistance • for railway applications acc. to DIN EN 61373 Category 1, Class B Category 1, Class B reference code acc. to IEC 81346-2 S Ambient conditions • ambient temperature during operation -25 +70 °C	protection class IP	IP66, IP67, IP69(IP69K)
acc. to IEC 60068-2-27 of railway applications acc. to DIN EN 61373 vibration resistance acc. to IEC 60068-2-6 of railway applications acc. to DIN EN 61373 category 1, Class B of railway applications acc. to DIN EN 61373 category 1, Class B reference code acc. to IEC 81346-2 Ambient conditions ombient temperature during operation -25 +70 °C	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
	shock resistance	
vibration resistance	• acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
 acc. to IEC 60068-2-6 for railway applications acc. to DIN EN 61373 Category 1, Class B reference code acc. to IEC 81346-2 S Ambient conditions ambient temperature during operation -25 +70 °C 	• for railway applications acc. to DIN EN 61373	Category 1, Class B
◆ for railway applications acc. to DIN EN 61373 Category 1, Class B reference code acc. to IEC 81346-2 Ambient conditions ◆ ambient temperature during operation -25 +70 °C	vibration resistance	
reference code acc. to IEC 81346-2 S Ambient conditions • ambient temperature during operation -25 +70 °C	• acc. to IEC 60068-2-6	10 500 Hz: 5g
Ambient conditions ● ambient temperature during operation -25 +70 °C	• for railway applications acc. to DIN EN 61373	Category 1, Class B
■ ambient temperature during operation	reference code acc. to IEC 81346-2	S
	Ambient conditions	
• ambient temperature during storage -40 +80 °C	ambient temperature during operation	-25 +70 °C
	 ambient temperature during storage 	-40 +80 °C

environmental category during operation acc. 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	11 mm
installation width	29.5 mm
installation depth	24.3 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=3SU1001-0AD30-0AA0-Z Y15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1001-0AD30-0AA0-Z Y15

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-0AD30-0AA0-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=3SU1001-0AD30-0AA0-Z Y15&lang=en

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