SIEMENS

Data sheet



Indicator light in illuminated pushbutton design, 22 mm, round, plastic with metal front ring, blue, with laser labeling, upper case and lower case, always upper case at beginning of line

product designation design of the product Actuating signaling element 3SUT SIGNATE SIGNATION SIG	product brand name	SIRIUS ACT	
product type designation product line Plastic with metal front ring, matt, 22 mm Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element Fixed key F	product designation	Indicator lights	
Plastic with metal front ring, matt, 22 mm Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element principle of operation of the actuating element principle of operation of the actuating element product extension optional • light source Yes • contact module Yes • contact module Plastic Shape of the actuating element plastic shape of the forting product component front ring product component front ring plastic standard shape of the front ring plastic standard shape of the front ring plastic plas	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 element outline element of the actuating element plastic shape of the actuating element outer diameter of the actuating element product component front ring product component front ring design of the front ring design of the front ring sand gray General technical data protection class IP degree of protection NEMA rating shock resistance e according to IEC 60068-2-6 of or railway applications according to EN 61373 reference code according to IEC 681346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature e during operation Illiuminated pushbutton design Illi	product type designation	3SU1	
number of command points Actuator design of the actuating element Illuminated pushbutton design Principle of operation of the actuating element Fixed key product extension optional • light source Yes • contact module Yes • color of the actuating element Diue material of the actuating element Plastic shape of the front ring Plastic shape of protection NEMA rating Plastic shape of the front ring sh	product line	Plastic with metal front ring, matt, 22 mm	
Actuator design of the actuating element principle of operation of the actuating element principle of operation of the actuating element product extension optional • light source Yes Color of the actuating element blue plastic shape of the actuating element plastic shape of the actuating element parking of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic plast	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	Actuator		
product extension optional light source Yes	design of the actuating element	Illuminated pushbutton design	
e light source e contact module Color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element plastic shape of the actuating element customized labeling, text in lower case / capital letters, all lines start with capital letter Front ring product component front ring yes design of the front ring material of the front ring Metal, matt color of the front ring sand gray General technical data protection class IP degree of protection NEMA rating shock resistance e according to IEC 60068-2-27 e for railway applications according to EN 61373 vibration resistance e according to IEC 60068-2-6 e for railway applications according to EN 61373 reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature e during operation Yes Customized labeling, text in lower case / capital letters, all lines start with count in lower case / capital letters, all lines start with capital letters and lines start with capital letters and lines start with capital letters. Pres Yes Customized labeling, text in lower case / capital letters, all lines start with capital letters. Pres Proud Pres	principle of operation of the actuating element	Fixed key	
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color of the actuating element 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 lines start with capital letter Front ring product component front ring design of the front ring Amaterial of the front ring Standard material of the front ring General 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 reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions amblent temperature during operation	• light source	Yes	
material of the actuating element shape of the actuating element outer diameter of the actuating element customized labeling, text in lower case / capital letters, all lines start with capital letter Front ring product component front ring product component front ring design of the front ring material of the front ring Metal, matt color of the front ring General technical data protection class IP degree of protection NEMA rating shock resistance	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 lines start with capital letter Front ring product component front ring	color of the actuating element	blue	
outer diameter of the actuating element marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter Front 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 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 reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature during operation customized labeling, text in lower case / capital letters, all lines start with capital letter vith capital eletter Customized labeling, text in lower case / capital letters, all lines start with capital letters vith capital letter Customized labeling, text in lower case / capital letters, all lines start with capital letters Vestomized labeling, text in lower case / capital letters, all lines start with capital letters Vestomized labeling, text in lower case / capital letters Net applied letter Ves Sandard Metal, matt sand gray General technical data Presequence of people of peopl	material of the actuating element	plastic	
marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter Front ring product component front ring	shape of the actuating element	round	
product component front ring product component front ring design of the front ring Metal, matt color of the front ring Standard Metal, matt color of the front ring General 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 reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature during operation vival conditions vitant	outer diameter of the actuating element	29.5 mm	
product component front ring design of the front ring material 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 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 vibration resistance for railway applications according to EN 61373 category 1, Class B catego	marking of the actuating element		
design of the front ring material 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 • 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 reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation -25 +70 °C	Front ring		
material of the front ring color of the front ring Sand gray General 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 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • 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 reference code according to IEC 81346-2 Substance Prohibitance (Date) 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 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 • 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 reference code according to IEC 81346-2 S Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation -25 +70 °C	design of the front ring	Standard	
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 reference code according to IEC 81346-2 S Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation -25 +70 °C	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 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 reference code according to IEC 81346-2 S Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 15g / 11 ms Category 1, Class B Category 1, Class B 10 500 Hz: 5g Category 1, Class B 10/01/2014	color of the front ring	sand gray	
degree of protection NEMA rating 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 reference code according to IEC 81346-2 S Substance Prohibitance (Date) Ambient conditions ambient temperature during operation -25 +70 °C	General technical data		
shock resistance	protection class IP	IP66, IP67, IP69(IP69K)	
 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 for railway applications according to EN 61373 Category 1, Class B reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature during operation -25 +70 °C 	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
for railway applications according to EN 61373 vibration resistance	shock resistance		
vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation -25 +70 °C	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 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 	 for railway applications according to EN 61373 	Category 1, Class B	
● for railway applications according to EN 61373 reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature ● during operation Category 1, Class B S 10/01/2014 Arreference code according to IEC 81346-2 S 10/01/2014 -25 +70 °C	vibration resistance		
reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation -25 +70 °C	 according to IEC 60068-2-6 	10 500 Hz: 5g	
Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation -25 +70 °C	for railway applications according to EN 61373	Category 1, Class B	
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		
and Company of the Co	ambient temperature		
a during storage	 during operation 	-25 +70 °C	
• during storage -40 +80 C	during storage	-40 +80 °C	

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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	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=3SU1031-0AD50-0AA0-Z Y10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1031-0AD50-0AA0-Z Y10

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1031-0AD50-0AA0-Z Y10

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1031-0AD50-0AA0-Z Y10&lang=en

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