## **SIEMENS**

## **Data sheet**



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

product designation design of the product py designation product type designation product type designation product type designation product line Plastic with metal front ring, matt, 22 mm  Plastic with metal front ring, was represented by plastic with represented pushbutton design  Product extension optional Plastic was represented by plastic was represented by plastic with a cautating element plastic was represented by plastic was represent	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 product extension optional ight source contact module color of the actuating element shape of the actuating element parking of the actuating element material of the actuating element material of the actuating element couter diameter of the actuating element marking of the actuating element customized labeling, text in lower case / capital letters, all words start with capital eletters  Front ring product component front ring design of the front ring standard material of the front ring design of the front ring sand gray  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) Amblent conditions ambient temperature during operation	product designation	Indicator lights	
product line Plastic with metal front ring, matt, 22 mm    Plastic with metal front ring, matt, 22 mm   Plastic with metal front ring, matt, 22 mm   Plastic with metal front ring, matt, 22 mm   Plastic with metal front ring, matt, 22 mm   Plastic with metal front ring, matt, 22 mm   Plastic with metal front ring, matt, 22 mm   Plastic with metal front ring, matt, 22 mm   Plastic with metal front ring, matt, 22 mm   Plastic with metal front ring, matt, 22 mm   Plastic with metal front ring, matt, 22 mm   Plastic with metal front ring, matt, 22 mm   Plastic with metal front ring, west with metal front ring, matt, 22 mm   Plastic with metal front ring, west with metal front ring, west with replace with red with respect to product metal metal metal of the actuating element with capital letters with capital letters, all words start with capital letters with capital letters, all words start with capital letters with capital letters, all words start with capital letters with capital letters, all words start with capital letters with capital letters, all words start with capital letters with capital letters, all words start with capital letters with capital letters, all words start with capital letters with capital letters, all words start with capital letters with capital letters, all words start with capital letters with capital letters, all words start with capital letters with capital letters with capital letters, all words start with capital letters with capital letters, all words start with capital letters with capital letter	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 principle of operation optional  • light source • contact module  color of the actuating element material of the actuating element outer diameter of the actuating element product component front ring product component front ring ground design of the front ring fees of the actuating element  Front ring  Product component front ring Adesign of the front ring Coneral technical data Protection class IP Adegree of protection NEMA rating Ashock resistance  • according to IEC 60068-2-7 • for railway applications according to EN 61373  vibration resistance  • according to IEC 60068-2-8 • for railway applications according to EN 61373  reference code according to IEC 81346-2  Substance Prohibitance (Date)  • during operation  -25 +70 °C	product type designation	3SU1	
number of command points  Actuator  design of the actuating element principle of operation of the actuating element principle of operation of the actuating element Fixed key  product extension optional  • light source Yes • contact module  color of the actuating element red material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element  product component front ring  Gustomized labeling, text in lower case / capital letters, all words start with capital letters  Front ring  Product component front ring  design of the front ring  color of the front ring  Metal, matt color of the front ring  greneral technical data  protection class IP  degree of protection NEMA rating shock resistance  • according to IEC 60068-2-7 • for railway applications according to EN 61373  reference code according to IEC 60068-2-6 • for railway applications according to EN 61373  reference code according to IEC 60068-2-8 • for railway applications according to EN 61373  reference code according to IEC 81346-2  Substance Prohibitance (Date)  • during operation  1.25 +70 °C	product line	Plastic with metal front ring, matt, 22 mm	
design of the actuating element principle of operation of the actuating element principle of operation optional    light source	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  shape of the actuating element  outer diameter of the actuating element  marking of the actuating element  coutout component front ring  product component front ring  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  • according to IEC 60068-2-27  • for railway applications according to EN 61373  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  amblent temperature  • during operation  Yes  Customized labeling, text in lower case / capital letters, all words start  with capital letters  Fround  Fixed key  Yes  Yes  4	Actuator		
product extension optional    light source   Yes	design of the actuating element	Illuminated pushbutton design	
● light source ● contact module 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  product component front ring  product component front ring  design of the front ring material of the front ring material of the front ring  material of the front ring  product component front ring  fencion of the front ring  material of the front ring  material 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  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  resistance  • during operation  Yes  Customized labeling, text in lower case / capital letters, all words start with capital letters  round  Out design of the actuating element  round  Out application (Sall words start with capital letters, all words start with capital letters  Pround  Pyes  Customized labeling, text in lower case / capital letters, all words start with capital letters.  Pround  Pyes  Customized labeling, text in lower case / capital letters, all words start with capital letters  Pround  Pyes  Metal, matt  Customized labeling, text in lower case / capital letters, all words start with capital letters  Metal, matt  Customized labeling, text in lower case / capital letters  Pes  Gustomized labeling, text in lower case / capital letters  Pes  Gustomized labeling, text in lower case / capital letters  Pound  Pyes  Gustomized labeling, text in lower case / capital letters  Pound  Pyes  Gustomized labeling, text in lower case / capital letters  Pound  Pyes  Gustomized labeling, text in lower case / capital letters  Pound  Pyes  Gustomized labeling, text in lower case / capital letters  Pes  Gustomized labeling, text in lower case / capital letters  Pe	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     round     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     material of the front ring     sand gray  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  Yes  Customized labeling, text in lower case / capital letters, all words start with cound in lower case / capital letters, all words start with cound in letters, all words start with cound in letters, all words start with cound in letters, all words start with capital selection, and cound in letters, all words start with capital selection, and cound in letters, all words start with cound in letters, all words  Passion  Passion  Passion  Metal, matt  All pelleters  Pes  Metal, matt  All pelleters  Pes  Metal, matt  All pelleters  Metal, matt  All pelleters  Pes  Metal, matt  All pelleters  Metal, matt  All pelleters  All pelleters  All words start in lower case / capital letters, all words  All pelleters  Customized labeling, text in lower case / capital letters  All pelleters  Pes  Metal, matt  All pelleters  Metal, matt  All pelleters  Pes  Metal, matt  All pelleters  Metal, matt  All pelleters  Metal, matt  All pelleters  All pelleter	product extension optional		
color of the actuating element 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 words start with capital letters  Front ring product component front ring 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 according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions  ambient temperature oduring operation	• light source	Yes	
material of the actuating element shape of the actuating element outer 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 material 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 round outer diameter of the actuating element 29.5 mm  marking of the actuating element 29.5 mm  Front ring  product component front ring Yes design of the front ring Standard material of the front ring Metal, matt color of the front ring sand gray  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	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  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	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  Front ring  product component front ring	shape of the actuating element	round	
with capital letters  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  vival determine According to IEC 60068-2-6  according to IEC 81346-2  Substance Prohibitance (Date)  -25 +70 °C	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  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  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  in unsoidal half-wave 15g / 11 ms  Category 1, Class B  Category 1, Class B  10 500 Hz: 5g  Category 1, Class B	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  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  ambient temperature • during operation  Standard  Metal, matt  Metal, matt  Metal, matt  Metal, matt  Metal, matt  Metal, matt  Standard  Metal, matt  Metal, matt  Standard  Metal, matt  Metal, matt  Standard  Metal, matterial matterial matterial matterial mat	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  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  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation  Metal, matt  Sand gray  Metal, matt  sand gray  Metal, matt  sand gray  Metal, matt  sand gray  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistan	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  sinusoidal half-wave 15g / 11 ms  Category 1, Class B  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  Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation  -25 +70 °C	design of the front ring	Standard	
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  • 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	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  reference code according to IEC 81346-2  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  Ambient conditions  ambient temperature  during operation  -25 +70 °C	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 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) 10/01/2014  Ambient conditions  ambient temperature  • during operation -25 +70 °C	General technical data		
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) 10/01/2014  Ambient conditions  ambient temperature  • during operation -25 +70 °C	protection class IP	IP66, IP67, IP69(IP69K)	
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) 10/01/2014  Ambient conditions  ambient temperature     during operation -25 +70 °C	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
	shock resistance		
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  -25 +70 °C	<ul><li>according to IEC 60068-2-27</li></ul>	sinusoidal half-wave 15g / 11 ms	
<ul> <li>according to IEC 60068-2-6         <ul> <li>for railway applications according to EN 61373</li> <li>Category 1, Class B</li> </ul> </li> <li>reference code according to IEC 81346-2         <ul> <li>Substance Prohibitance (Date)</li> <li>10/01/2014</li> </ul> </li> <li>Ambient conditions         <ul> <li>ambient temperature</li> <li>during operation</li> <li>-25 +70 °C</li> </ul> </li> </ul>	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B	
	vibration resistance		
reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation  -25 +70 °C	<ul><li>according to IEC 60068-2-6</li></ul>	10 500 Hz: 5g	
Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation  -25 +70 °C	<ul> <li>for railway applications according to EN 61373</li> </ul>	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		
	ambient temperature		
• during storage -40 +80 °C	<ul> <li>during operation</li> </ul>	-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	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=3SU1031-0AD20-0AA0-Z Y15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1031-0AD20-0AA0-Z Y15

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1031-0AD20-0AA0-Z Y15

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1031-0AD20-0AA0-Z Y15&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1031-0AD20-0AA0-Z Y15&lang=en</a>