SIEMENS

Data sheet



Mushroom pushbutton, 22 mm, round, metal, shiny, red, 40 mm, momentary contact type, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

product designation design of the product product type designation product line Enclosure number of command points Actuating principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element pouter diameter of the actuating element cust diameter of the actuating element marking of the actuating element cust diameter of the actuating element cust of the actuating element end	product brand name	SIRIUS ACT	
product type designation product line Enclosure number of command points 1 Actuator principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element outer diameter of the actuating element marking of the actuating element customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions 2 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 color of the front ring material of the front ring Emeral technical data product function EMERGENCY OFF function EMERGENCY STOP function No protection class IP degree of protection NEMA rating sinus ideal function e according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	product designation	Mushroom pushbuttons	
product line Enclosure number of command points Actuator 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 outer diameter of the actuating element marking of the actuating element Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions 2 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 Standard material of the front ring General technical data product function EMERGENCY OFF function EMERGENCY STOP function No protection class IP degree of protection NEMA rating shock resistance eaccording to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	design of the product	Actuating/signaling element	
Enclosure number of command points Actuator 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 outer diameter of the actuating element marking of the actuating element outer diameter of the actuating element marking of the actuating element Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions 2 Front ring product component front ring design of the front ring color of the front ring silver General technical data product function EMERGENCY OFF function EMERGENCY STOP function Protection class IP degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance e according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	product type designation	3SU1	
number of command points Actuator principle of operation of the actuating element product extension optional light source No color of the actuating element red material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element ACT configurator/Configuration Identification Number (CIN) number of switching positions 2 Front ring Product component front ring Standard Metal, high gloss color of the front ring silver General technical data product function SEMERGENCY STOP function No 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	product line	Metal, shiny, 22 mm	
Actuator 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 outer diameter of the actuating element marking of the actuating element marking of the actuating element Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions 2 Front ring product component front ring design of the front ring material of the front ring silver General technical data product function EMERGENCY STOP function EMERGENCY STOP function Protection class IP degree of protection NEMA rating • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	Enclosure		
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 outer diameter of the actuating element marking of the actuating element marking of the actuating element marking of the actuating element marking of the actuating element MacT configurator/Configuration Identification Number (CIN) number of switching positions 2 Front ring product component front ring design of the front ring material of the front ring material of the front ring silver General technical data product function EMERGENCY OFF function EMERGENCY STOP function Portection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	number of command points	1	
product extension optional light source 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 or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions 2 Front ring product component front ring design of the front ring material of the front ring Coneral technical data product function • EMERGENCY OFF function • EMERGENCY STOP function protection class IP degree of protection NEMA rating the side of the section of th	Actuator		
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 marking of the actuating element customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions 2 Front ring product component front ring design of the front ring material of the front ring silver General technical data product function • EMERGENCY OFF function • EMERGENCY STOP function protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	principle of operation of the actuating element	momentary contact type	
material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions 2 Front ring product component front ring design of the front ring material of the front ring Color of the front ring General technical data product function • EMERGENCY OFF function • EMERGENCY STOP function protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	product extension optional light source	No	
shape of the actuating element outer diameter of the actuating element marking of the actuating element Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions 2 Front ring product component front ring design of the front ring material of the front ring Standard material of the front ring silver General technical data product function EMERGENCY OFF function EMERGENCY STOP function No 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	color of the actuating element	red	
outer diameter of the actuating element marking of the actuating element Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions 2 Front ring product component front ring design of the front ring material of the front ring Color of the front ring General technical data product function EMERGENCY OFF function EMERGENCY STOP function 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	material of the actuating element	plastic	
marking of the actuating element Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions 2 Front ring product component front ring design of the front ring material of the front ring Color of the front ring General technical data product function • EMERGENCY OFF function • EMERGENCY STOP function protection class IP lefe, IP67, IP69(IP69K) degree of protection NEMA rating sinusoidal half-wave 15g / 11 ms	shape of the actuating element	round	
ACT configurator/Configuration Identification Number (CIN) number of switching positions 2 Front ring product component front ring	outer diameter of the actuating element	40 mm	
product component front ring design of the front ring material of the front ring Color of the front ring General technical data product function • EMERGENCY OFF function • EMERGENCY STOP function protection class IP degree of protection NEMA rating sinusoidal half-wave 15g / 11 ms	marking of the actuating element		
product component front ring design of the front ring material of the front ring Color of the front ring Silver General technical data product function • EMERGENCY OFF function • EMERGENCY STOP function protection class IP degree of protection NEMA rating sinusoidal half-wave 15g / 11 ms	number of switching positions	2	
design of the front ring material of the front ring Metal, high gloss color of the front ring General technical data product function • EMERGENCY OFF function • EMERGENCY STOP function 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	Front ring		
material of the front ring color of the front ring General technical data product function • EMERGENCY OFF function • EMERGENCY STOP function protection class IP lP66, 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	product component front ring	Yes	
color of the front ring General technical data product function • EMERGENCY OFF function • EMERGENCY STOP function protection class IP lP66, 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	design of the front ring	Standard	
General technical data product function No ● EMERGENCY OFF function No ● EMERGENCY STOP function No protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms	material of the front ring	Metal, high gloss	
product function	color of the front ring	silver	
EMERGENCY OFF function EMERGENCY STOP function No 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	General technical data		
 ◆ EMERGENCY STOP function 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 	product function		
protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms	 EMERGENCY OFF function 	No	
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	 EMERGENCY STOP function 	No	
shock resistance ● according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	protection class IP	IP66, IP67, IP69(IP69K)	
according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
	shock resistance		
vibration resistance	according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms	
	vibration resistance		
• according to IEC 60068-2-6 10 500 Hz: 5g	according to IEC 60068-2-6	10 500 Hz: 5g	
operating frequency maximum 3 600 1/h	operating frequency maximum	3 600 1/h	
mechanical service life (switching cycles) typical 10 000 000	mechanical service life (switching cycles) typical	10 000 000	
reference code according to IEC 81346-2 S	reference code according to IEC 81346-2	S	
Substance Prohibitance (Date) 10/01/2014	Substance Prohibitance (Date)	10/01/2014	
Ambient conditions			
ambient temperature	ambient temperature		
• during operation -25 +70 °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%)	
Installation/ mounting/ dimensions		
height	40 mm	
width	40 mm	
shape of the installation opening	round	
mounting diameter	22.3 mm	
positive tolerance of installation diameter	0.4 mm	
mounting height	27.5 mm	
installation width	40 mm	
installation depth	24.4 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=3SU1050-1BD20-0AA0-Z Y19

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1050-1BD20-0AA0-Z\ Y19}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-1BD20-0AA0-Z Y19

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-1BD20-0AA0-Z Y19&lang=en

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