SIEMENS

Data sheet

3SU1051-6AA00-0AA0

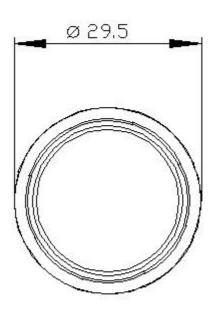


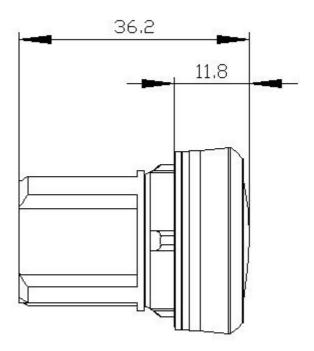
Indicator lights, 22 mm, round, metal, shiny, amber, lens, smooth

product brand name SIRIUS ACT product designation Indicator lights design of the product Actuating/signaling element product type designation 3SU1 product line Metal, shiny, 22 mm Actuator metal elight source Yes • contact module No color amber material of the actuating element plastic shape of the actuating element product component front ring product component front ring No General technical data product component front ring 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 50g / 11 ms • acc. to IEC 60088-2:6 10 500 Hz: 5g reference code acc. to IEC 81346-2 P Substance Prohibrance (Date) 0.1.10.2014 00.00:00 Connections/Terminals mblent temperature eduring operation -25 +70 °C • during operation -25 +70 °C • during operation <td< th=""><th></th><th></th></td<>		
design of the product Actuating/signaling element product type designation 3SU1 product time Metal, shiny, 22 mm Actuator Product extension optional • light source Yes • contact module No color • of the actuating element material of the actuating element amber product component front ring No General technical data protection class IP 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 50g / 11 ms vibration resistance 10500 Hz: 5g erference code acc. to IEC 60068-2-27 Vibration resistance • acc. to IEC 60068-2-27 P Substance Prohibitance (Date) 01.10.2014 00:00:00 Connections/ Terminals 11.2 N·m Ambient conditions -25 +70 °C ambient indeperation -25 +70 °C eduring operation -25 +70 °C eduring operation -25 +70 °C eduring operation -25 +70 °C eduring oper	product brand name	SIRIUS ACT
design of the product Actuating/signaling element product type designation 3SU1 product time Metal, shiny, 22 mm Actuator Product extension optional • light source Yes • contact module No color • of the actuating element material of the actuating element amber product component front ring No General technical data protection class IP 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 50g / 11 ms vibration resistance 10500 Hz: 5g erference code acc. to IEC 60068-2-27 Vibration resistance • acc. to IEC 60068-2-27 P Substance Prohibitance (Date) 01.10.2014 00:00:00 Connections/ Terminals 11.2 N·m Ambient conditions -25 +70 °C ambient indeperation -25 +70 °C eduring operation -25 +70 °C eduring operation -25 +70 °C eduring operation -25 +70 °C eduring oper	product designation	Indicator lights
product line Metal, shiny, 22 mm Actuator Actuator product extension optional • (ight source) • (ight source) Yes • contact module No color • of the actuating element material of the actuating element plastic shape of the actuating element 29,45 mm product component front ring No General technical data protection NEMA rating 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 60068-2-8 10 500 Hz: 5g reference code acc. to IEC 81346-2 P Substance Prohibitance (Date) 01.10.2014 00:00:00 Connections/Terminals 1 12 N·m Ambient conditions -40 +80 °C ambient temperature -25 +70 °C • during operation acc, to IEC 3M6, 352, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %) 60721 Installation/ mounting/ dimensions height 29.5 mm	design of the product	Actuating/signaling element
Actuator product extension optional • light source Yes • contact module No color • of the actuating element material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element 29.45 mm Front ring product component front ring product component front ring No General technical data protection class IP ight source i. 2, 3, 3R, 4, 4X, 12, 13 shock resistance i. 2, 3, 3R, 4, 4X, 12, 13 • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance i. 0 500 Hz: 5g • acc. to IEC 60068-2-6 10 500 Hz: 5g reference code acc. to IEC 81346-2 P Substance Prohibitance (Date) 01.10.2014 00:00:00 Connections/ Terminals 1 1.2 N·m ambient temperature -25 +70 °C • during storage -40 +80 °C environmental category during operation acc. to IEC 3M6, 352, 352, 3C3, 3K6 (with relative air humidity of 10 95 %) 60721 Installation/ mounting/ dimensions -40 +80 °C	product type designation	3SU1
product extension optional light source contact module No color of the actuating element plastic shape of the actuating element plastic shape of the actuating element 29.45 mm Front ring product component front ring No General technical data 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 vibration resistance acc. to IEC 60068-2-6 10 500 Hz: 5g reference code acc. to IEC 81346-2 P Substance Prohibitance (Date) O1.10.2014 00.00:00 Connections/ Terminals tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions ambient temperature 40 +80 °C environmental category during operation acc. to IEC 6006 forstallation/ mounting/ dimensions height 29.5 mm	product line	Metal, shiny, 22 mm
• light source Yes • contact module No color amber • of the actuating element plastic shape of the actuating element plastic shape of the actuating element round outer diameter of the actuating element 29.45 mm Front ring product component front ring product component front ring No General technical data protection class IP e. acc. to IEC 60088-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance e. acc. to IEC 60088-2-6 e. acc. to IEC 60088-2-6 10 500 Hz: 5g reference code acc. to IEC 80088-2-6 10 500 Hz: 5g reference code acc. to IEC 80088-2-7 Substance Substance 01.10.2014 00:00:00 Connections/ Terminals 1 1.2 N·m tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions -25 +70 °C e. during operation -25 +70 °C e. during storage -40 +80 °C environmental category during operation acc. to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %) 60721	Actuator	
• contact module No color amber material of the actuating element plastic shape of the actuating element plastic shape of the actuating element 29.45 mm Front ring Product component front ring product component front ring No General technical data Protection class IP in 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 50g / 11 ms • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance 10 500 Hz; 5g • acc. to IEC 60068-2-6 10 500 Hz; 5g reference code acc. to IEC 81346-2 P Substance Prohibitance (Date) 01.10.2014 00:00:00 Connections/ Terminals tightening torque of the screws in the bracket tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions -40 +80 °C environmental category during operation acc. to IEC 6072 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %) 60721 Installation/ mo	product extension optional	
color amber • of the actuating element plastic shape of the actuating element round outer diameter of the actuating element 29.45 mm Front ring No General technical data protection Class IP 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 50g / 11 ms • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance 01500 Hz: 5g • acc. to IEC 60068-2-6 10 500 Hz: 5g reference code acc. to IEC 81346-2 P Substance Prohibitance (Date) 01.10.2014 00:00:00 Connections/ Terminals 1 1.2 N·m tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions -25 +70 °C • during operation -25 +70 °C • during storage -40 +80 °C environmental category during operation acc. to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %) 60721 Installation/ mounting/ dimensions Installation/ mounting/ dimensions height <td>light source</td> <td>Yes</td>	light source	Yes
• of the actuating element amber material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element 29.45 mm Front ring No General technical data protection class IP 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 • acc. to IEC 60068-2-26 10 500 Hz: 5g reference code acc. to IEC 81346-2 P Substance Prohibitance (Date) 01.10.2014 00:00:00 Connections/ Terminals 1 1.2 N·m tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions -25 +70 °C • during operation -25 +70 °C • during storage -40 +80 °C	contact module	No
material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element 29.45 mm Front ring Product component front ring product component front ring No General technical data protection class IP other resistance IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 50g / 11 ms • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance other sistence • acc. to IEC 60068-2-6 10 500 Hz: 5g reference code acc. to IEC 81346-2 P Substance Prohibitance (Date) 01.10.2014 00:00:00 Connections/Terminals 1 1.2 N·m tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions -25 +70 °C • during operation -25 +70 °C • during storage -40 +80 °C environmental category during operation acc. to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %) for21 Substa	color	
shape of the actuating element round outer diameter of the actuating element 29.45 mm Front ring product component front ring No General technical data IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance interview of the screw o	 of the actuating element 	amber
outer diameter of the actuating element 29.45 mm Front ring No General technical data 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 • acc. to IEC 60068-2-6 10 500 Hz: 5g reference code acc. to IEC 81346-2 P Substance Prohibitance (Date) 01.10.2014 00:00:00 Connections/ Terminals tightening torque of the screws in the bracket tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions -25 +70 °C • during operation -25 +70 °C • during storage -40 +80 °C environmental category during operation acc. to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with rela	material of the actuating element	plastic
Front ring No General technical data IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance isinusoidal half-wave 50g / 11 ms • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance acc. to IEC 60068-2-6 • acc. to IEC 60068-2-6 10 500 Hz: 5g reference code acc. to IEC 81346-2 P Substance Prohibitance (Date) 01.10.2014 00:00:00 Connections/ Terminals 1 1.2 N·m tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions -25 +70 °C • during operation -25 +70 °C • during storage -40 +80 °C environmental category during operation acc. to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %) Installation/ mounting/ dimensions 29.5 mm width 29.5 mm	shape of the actuating element	round
product component front ring No General technical data IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 50g / 11 ms • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance 0 500 Hz: 5g • acc. to IEC 60068-2-6 10 500 Hz: 5g reference code acc. to IEC 81346-2 P Substance Prohibitance (Date) 01.10.2014 00:00:00 Connections/ Terminals 1 1.2 N·m Ambient conditions -25 +70 °C • during operation -25 +70 °C • during storage -40 +80 °C Installation/ mounting/ dimensions 29.5 mm height 29.5 mm	outer diameter of the actuating element	29.45 mm
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 i. acc. to IEC 60068-2-27 • acc. to IEC 60068-2-6 10 500 Hz: 5g reference code acc. to IEC 81346-2 P Substance Prohibitance (Date) 01.10.2014 00:00:00 Connections/ Terminals tightening torque of the screws in the bracket ambient conditions -25 +70 °C -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 29.5 mm width 29.5 mm	Front ring	
protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance 5inusoidal half-wave 50g / 11 ms • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance 0 500 Hz: 5g • acc. to IEC 60068-2-6 10 500 Hz: 5g reference code acc. to IEC 81346-2 P Substance Prohibitance (Date) 01.10.2014 00.00:00 Connections/ Terminals 1 1.2 N·m Ambient conditions -25 +70 °C • during operation -25 +70 °C • 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 29.5 mm width 29.5 mm	product component front ring	No
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 vibration resistance acc. to IEC 60068-2-6 10 500 Hz: 5g reference code acc. to IEC 81346-2 P Substance Prohibitance (Date) 01.10.2014 00:00:00 Connections/ Terminals tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions ambient temperature during operation -25 +70 °C -40 +80 °C Installation/ mounting/ dimensions Ambient important acc. to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %) forz1 	General technical data	
shock resistance acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance acc. to IEC 60068-2-6 10 500 Hz: 5g reference code acc. to IEC 81346-2 P Substance Prohibitance (Date) 01.10.2014 00:00:00 Connections/ Terminals tightening torque of the screws in the bracket n. 1.2 N·m Ambient conditions ambient temperature during operation -25 +70 °C -40 +80 °C environmental category during operation acc. to IEC 60721 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %) forzat height 29.5 mm width 29.5 mm	protection class IP	IP66, IP67, IP69(IP69K)
• acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance - • acc. to IEC 60068-2-6 10 500 Hz: 5g reference code acc. to IEC 81346-2 P Substance Prohibitance (Date) 01.10.2014 00:00:00 Connections/ Terminals 1 1.2 N·m Ambient conditions - ambient temperature - • during operation -25 +70 °C • during storage -40 +80 °C environmental category during operation acc. to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %) for21 29.5 mm width 29.5 mm	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
vibration resistanceo• acc. to IEC 60068-2-610 500 Hz: 5greference code acc. to IEC 81346-2PSubstance Prohibitance (Date)01.10.2014 00:00:00Connections/ Terminalstightening torque of the screws in the bracket1 1.2 N·mAmbient conditionsambient temperature• during operation-25 +70 °C• during storage-40 +80 °Cenvironmental category during operation acc. to IEC60721Installation/ mounting/ dimensionsheight29.5 mmwidth29.5 mm	shock resistance	
• acc. to IEC 60068-2-6 10 500 Hz: 5g reference code acc. to IEC 81346-2 P Substance Prohibitance (Date) 01.10.2014 00:00:00 Connections/ Terminals 1 1.2 N·m tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions -25 +70 °C • during operation -25 +70 °C • 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 29.5 mm width 29.5 mm	• acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
reference code acc. to IEC 81346-2 P Substance Prohibitance (Date) 01.10.2014 00:00:00 Connections/ Terminals 1 1.2 N·m Ambient conditions 1 1.2 N·m ambient temperature -25 +70 °C • during operation -25 +70 °C • 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 29.5 mm width 29.5 mm	vibration resistance	
Substance Prohibitance (Date) 01.10.2014 00:00:00 Connections/ Terminals 1 tightening torque of the screws in the bracket 1 Ambient conditions 1 ambient temperature -25 • during operation -25 • during storage -40 environmental category during operation acc. to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 forz1 Installation/ mounting/ dimensions height 29.5 mm width 29.5 mm	• acc. to IEC 60068-2-6	10 500 Hz: 5g
Connections/ Terminals tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions	reference code acc. to IEC 81346-2	P
tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions ambient temperature • during operation -25 +70 °C • 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 29.5 mm width 29.5 mm	Substance Prohibitance (Date)	01.10.2014 00:00:00
Ambient conditions ambient temperature • during operation • during storage -25 +70 °C • during storage -40 +80 °C environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions height 29.5 mm width 29.5 mm	Connections/ Terminals	
ambient temperature -25 +70 °C • during storage -40 +80 °C environmental category during operation acc. to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %) forstallation/mounting/dimensions 29.5 mm width 29.5 mm	tightening torque of the screws in the bracket	1 1.2 N·m
• during operation -25 +70 °C • 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 29.5 mm width 29.5 mm	Ambient conditions	
• during storage -40 +80 °C environmental category during operation acc. to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %) 60721 Installation/ mounting/ dimensions height 29.5 mm width 29.5 mm	ambient temperature	
environmental category during operation acc. to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %) Installation/ mounting/ dimensions 29.5 mm width 29.5 mm	 during operation 	-25 +70 °C
60721 Installation/ mounting/ dimensions height 29.5 mm width 29.5 mm	during storage	-40 +80 °C
height 29.5 mm width 29.5 mm	0,0,	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %)
width 29.5 mm	Installation/ mounting/ dimensions	
	height	29.5 mm
shape of the installation opening round	width	29.5 mm
	shape of the installation opening	round

mounting diameter			3 mm		
positive tolerance of installation diameter		0.4	0.4 mm		
mounting height		11.8	11.8 mm		
installation width		29.5	29.5 mm		
installation depth			24.4 mm		
Certificates/ approvals	;				
General Product Approval			Declaration of Conformity		Test Certificates
SF.	UL.	EHC		CE EG-Konf.	
Marine / Shipping					other
ABS	Lloyd's Register urs	PRS	RINA	KMRS	

Further information





last modified:

12/21/2020 🖸