SIEMENS

Data sheet

3SU1153-0AB50-1FA0



Illuminated pushbutton, 22 mm, round, metal, shiny, blue, pushbutton, flat, momentary contact type, with holder, 1 NO+1 NC, LED module with integrated LED 110 V AC, screw terminal

product brand name	SIRIUS ACT			
product designation	Illuminated pushbuttons			
design of the product	Complete unit			
product type designation	3SU1			
product line	Metal, shiny, 22 mm			
manufacturer's article number				
 of supplied contact module at position 1 	<u>3SU1400-1AA10-1FA0</u>			
 of supplied LED module 	<u>3SU1401-1BC50-1AA0</u>			
 of the supplied holder 	<u>3SU1550-0AA10-0AA0</u>			
 of the supplied actuator 	<u>3SU1051-0AB50-0AA0</u>			
number of command points	1			
Actuator				
design of the actuating element	Button, flat			
principle of operation of the actuating element	momentary contact type			
product extension optional light source	Yes			
color of the actuating element	blue			
material of the actuating element	plastic			
shape of the actuating element	round			
outer diameter of the actuating element	29.45 mm			
number of contact modules	1			
Front ring				
product component front ring	Yes			
design of the front ring	Standard			
material of the front ring	Metal, high gloss			
color of the front ring	silver			
Holder				
material of the holder	Plastic			
Display				
number of LED modules	1			
General technical data				
product function positive opening	Yes			
product component light source	Yes			
insulation voltage rated value	320 V			
degree of pollution	3			
type of voltage of the operating voltage	AC/DC			
surge voltage resistance rated value	4 kV			
protection class IP	IP66, IP67, IP69(IP69K)			
of the terminal	IP20, clamping screw tightened			
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13			
shock resistance				

• excertaing to Ex. and excertains biologic flamework (b) (11) is • electronic mathematics biologic		ainvasidal half verva 45% / 44 ma
• eccording to IBC 0008-24 10001 Hz 1gg operating frequency maximum 2600 31h mechanical andres (in (operating cycles) typical 10000 000 itermal current 10 R 4 reference code according cycles) typical 10 A continuous current of the C 4138-42 S continuous current of the C 4138-44 S Substance Prohibitance (Date) 100 A Substance Prohibitance (Date) So - 600 V - art 60 Hz ratid value S - 600 V - art 60 Hz ratid value S - 600 V - art 60 Hz ratid value S - 600 V context calability Ore mapperation per 100 million (17 V, 5 mA), one matoperation per 10 million (17 V, 5 mA), one matoperation per 10 million (17 V, 5 mA), and matoperation per 10 million (17 V, 5 mA), ane matoperation per 10 million (17 V, 5 mA), and matoperation per	according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
gperating frequency maximum 9 800 th mechanical service IK (operating cyclet) typical 10 000 000 electrical endurance (operating cyclet) typical 10 000 000 freemenc code according to IEC 81346-2 S continuous current of the C characteristic MCB 10 A continuous current of the QLAD DAZED fuse link GD 10 A statistics of Variantian of the QLAD DAZED fuse link GD 10 A operating voltage 10 Viz2014 operating voltage 10 Viz2014 operating voltage 5 600 V - at 50 Hz raded value 5 600 V - at 50 Hz raded value 5 600 V - at 50 Hz raded value 5 600 V - at 50 Hz raded value 5 600 V - at 50 Hz raded value 5 600 V - at 50 Hz raded value 5 600 V - at 50 Hz raded value 5 600 V - at 50 Hz raded value 5 600 V - at 50 Hz raded value 5 600 V - at 50 Hz raded value 10 V Context chasking contact A C 10 Vizable of the supprivation on endoperation per 10 million (17 V. 5 mA), one maloperation per 10 million (12 V. 5 mA)<		10 - 500 Hz 5z
mechanical service in (operating cycles) typical 3 000 000 electrical endurance (operating cycles) typical 10 000 000 hermal current 10 A reference code according cycles) typical 10 A reference code according to EC 8136-2 S continuous current of the QLARCE two link G 10 A continuous current of the QLARCE two link G 10 A Substance Prohibilance (Date) 1001/2014 operating voltage		
decknear endurance (operating cycles) typical thermal current 10 A A reference code according to IEC 8134-2 S continuous current of the C characteristic MCB 10 A for a short-circuit current smaller than 400 A continuous current of the glock DUAED Tuse link g0 10 A Substance Professional 10 A for a short-circuit current smaller than 400 A continuous current of the glock DUAED Tuse link g0 10 A Substance Professional 10 A for a short-circuit current smaller than 400 A continuous current of the glock DUAED Tuse link g0 10 A Substance Professional 10 C rated value 10 V 10 C rated value 10		
thermal current 10 A reference code according to IEC 8136-2 S continuous current of the C-tharacteristic MCB 10 A, for a short-circuit current smaller than 400 A continuous current of the Q-CAbracteristic MCB 10 A continuous current of the Q-CAbracteristic MCB 10 A continuous current of the Q-CAbracteristic MCB 10 A Substance Prohibitance (Date) 100/12014 operating voltage		
Imformac code according to IEC 8148-62 S continuous current of the Grantsderistic MGB 10 A, for a soft-clicuit current smaller than 400 A continuous current of the Grantsderistic MGB 10 A continuous current of the Grantsderistic MGB 10 A continuous current of the Grantsderistic MGB 10 A continuous current of the Grantsderistic MGB 100/2014 operating voltage 100/2014 operating voltage 5 600 V		
continuous current of the C characteristic MOE 10 A for a short-circuit current smaller than 400 A continuous current of the DAZED fuse link 10 A Substance Prohibitance (Date) 100/2014 operating votage 100/2014 • at AC 5500 V - at 50 Hz rated value 5500 V - at 60 Hz rated value 10 V - at 60 Hz rated value		
continuous current of the QuAXED fase link gO 10 A continuous current of the DUAXED fase link gO 10 A Substance Prohibitance (Data) 100/12014 operating voltage 10 A • at O It rated value 5 500 V - at D It rated value 5 500 V - at D C rated value 5 500 V • at DC rated value 5 500 V • at O It rated value 5 500 V • at O It rated value 5 500 V • at O It rated value 10.V • at O It rated value 110 V • at O It rated value 110 V • at O It rated value 110 V • at O It rated value 10 V • at O		
continuous current of the DiAZED fuse link gG 10 A Substance Prohibitance (Data) 100/12014 operating voltage 100/12014 • al AC 5500 V - at 50 Hz rated value 5500 V • al C-rated value 5500 V • al Octated value 5500 V • al Octated value 5500 V Supply voltage of the light source of AC 5500 V supply voltage of the light source of AC 5500 V supply voltage of the light source of AC 5500 V supply voltage of the light source of AC 5500 V supply voltage of the light source of AC 5500 V supply voltage of the light source of AC 5500 V supply voltage of the light source of AC 5500 V supply voltage of the light source of AC 5500 V supply voltage of the light source of AC 5500 V supply voltage of the light source of AC 5500 V supply voltage of the light source of AC 5500 V supply voltage of the light source of AC 5500 V supply voltage of the light source of AC 1500 V		
Subtance Prohibitance (Date) 1001/2014 operating voltage	•	
operating voltage at AC - at 80 Hz rated value 5 500 V - at 80 Hz rated value 5 500 V et all Carlot value 5 500 V Power Electronics One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (2 V, 1 mA) Supply voltage of the supply voltage of the light source AC supply voltage of the supply voltage of the light source AC supply voltage of the supply voltage of the light source AC orthol circuit/ Carled value 110 V - at 60 Hz rated value 110 V - at 60 Hz rated value 110 V - othol circuit/ Carled Silver alloy - number of NC contacts for auxiliary contacts 1 - number of NC contacts for auxiliary contacts 1 - of modules and accessories Screw-type terminal vge of connectable conductor cross-sections screw-type terminal valid value of the contact of auxiliary contacts 1 - of modules and accessories Screw-type terminal vge of connectable conductor cross-sections Screw-type terminal vge of onnectable conductor cross-sections Screw-type terminal velow of light source L 2 Nm tightering torgue of the screws in the bracket 1 12 Nm vfore of light source L 2 Nm <tr< th=""><th></th><th></th></tr<>		
• at AQ - at 60 Hz rated value 5 600 V - at 60 Hz rated value 5 600 V • at DC rated value 0 me maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (2 V, 1 mA) Supply voltage of the light source at AC • at 50 Hz rated value • at 50 Hz rated value 110 V • at 50 Hz rated value 10 V • at 50 Hz rated value 5 600 V • at 50 Hz rated value 10 V • at 50 Hz rated value 5 600 V • at 60 Hz rated value 10 V <		
• at DC rated value Four Electronics Contact reliability Contract reliability Contreliability Contract reliability Contreliability Con	— at 50 Hz rated value	5 500 V
Power Electronics Power Electronics contact reliability One maloperation per 100 million (17 V. 5 mA), one maloperation per 10 million (5 V. 1 mA) Supply voltage of the supply voltage of the light source AC supply voltage of the light source at AC at 50 Hz rated value 110 V at 60 Hz rated value 110 V Control Circuit/ Control Imush current of LED module maximum 3.A Axuliary circuit Silver alloy design of the contacts for auxillary contacts 1 number of NC contacts for auxillary contacts 1 runder of NC contacts for auxillary contacts 1 contacts for auxillary contacts 1 runder of NC contacts for auxillary contacts 2x (101.5 mm ²) e solid without core end processing 2x (101.5 mm ²) e fo	— at 60 Hz rated value	5 500 V
contact reliability One malogeration per 100 million (17 V, 5 mA), one maloperation per 10 million (6 V, 1 mA) Supply voltage of the supply voltage of the light source AC supply voltage of the supply voltage of the light source at AC 110 V • at 50 Hz rated value 110 V Control Circuit/Control Insub voltage of the supply	• at DC rated value	5 500 V
(5 V, 1 mÅ) Supply voltage of the supply voltage of the light source AC supply voltage of the supply voltage of the light source at AC 110 V • at 50 Hz rated value 110 V Control circuit/ Control 110 V design of the contact of auxiliary contacts 11 V design of the contact of auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 Connections/ Terminals Silver alloy type of electrical connection screw-type terminals vs of modules and accessories Screw-type terminals type of electrical connection screw-type terminals vs olid with core end processing 2x (10 15 mm²) • solid without core end processing 2x (10 15 mm²) • finely stranded without core end processing 2x (10 15 mm²) • finely stranded without core end processing 2x (10 15 mm²) • finely stranded without core end processing 2x (10 15 mm²) • finely stranded without core end processing 2x (10 15 mm²) • finely stranded without core end processing 2x (10 15 mm²) • finely stranded without core end processing 2x (10	Power Electronics	
Supply voltage AC type of voltage of the light source at AC 110 V • at 50 hz rated value 110 V • at 50 hz rated value 110 V • at 60 hz rated value 3A Auxiliary circuit • at 60 hz rated value • of the contact of auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 Connection/ Ferminals • of modules and accessories Screw-type terminals • of modules and accessories • of modules and accessories 2x (101, 5 mm?) • oild with core end processing 2x (101, 5 mm?) • oild without core end processing 2x (101, 5 mm?) • finely stranded without core end processing 2x (101, 2 mm Ightening torque of the screws in the bracket 1 12 Nm Ightening torque with screw-type terminals 0.0	contact reliability	
type of voltage of the supply voltage of the light source AC supply voltage of the light source at AC • at 60 Hz rated value • at 60 Hz rated value 110 V Control circuit Control		(5 V, 1 mA)
supply voltage of the light source at AC • at 60 Hz rated value 110 V • at 60 Hz rated value 110 V Control circuit Control 110 V Control circuit Control 3.A Axvillary circuit 3.A design of the contact of auxiliary contacts Silver alloy number of NC contacts for auxiliary contacts 1 connections/ Terminals Screw-type terminals type of electrical connection screw-type terminal • of modules and accessories Screw-type terminal type of connectable conductor cross-sections 2x (0.5 0.76 mm ²) • solid with out cer end processing 2x (0.5 0.76 mm ²) • finely stranded without core end processing 2x (1.0 1.5 mm ²) • finely stranded without core end processing 2x (1.0 1.5 mm ²) • for AVG cables D.8 40 tightening torque with screw-type terminals D.8 0.9 Nm Lamp Lamp tight enders J.9 40 °C othing operation -25 +70 °C • during storage -40 +80 °C environmental category during operation according to ECC Sof M.832, 382, 383, 384 (With relative ari humi		10
• at 50 Hz rated value 110 V • at 60 Hz rated value 110 V inrush current of LED module maximum 3 A Auxilary circuit 3A design of the contact of auxiliary contacts 5 liver alloy number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 connections/Torminals 5 crew-type terminal type of electrical connection screw-type terminal • off modules and accessories Screw-type terminal type of electrical connection screw-type terminal • olid without core end processing 2x (0.5 0.75 mm²) • olid without core end processing 2x (0.5 0.75 mm²) • olid without core end processing 2x (1.0 15 mm²) • finely stranded with core end processing 2x (1.0 15 mm²) • finely stranded with core end processing 2x (1.0 15 mm²) • finely stranded with core end processing 2x (1.0 15 mm²) • finely strande with scree-type terminals 0.8 0.9 N·m tightening torque with scree-type terminals 0.8 0.9 N·m tightening torque of the screws in the bracket 1 1.2 N'm tightening torque with scree-type		AC
• at 60 Hz rated value 110 V Control circuit/ Control 3 A Auxiliary circuit 3 A design of the contact of auxiliary contacts Silver alloy number of NC contacts for auxiliary contacts 1 contacts for auxiliary contacts 1 connections/ Terminals 1 connections/ Terminals Screw-type terminal type of electrical conductor cross-sections 5 (0, 5 0, 75 mm²) • solid with core end processing 2x (0, 5 15 mm²) • solid without core end processing 2x (1, 0 15 mm²) • inely stranded without core end processing 2x (1, 0 15 mm²) • inely stranded without core end processing 2x (1, 0 15 mm²) • for AWG cables 2 0 9 N m Lamp Type of light source tightening torque with screw-type terminals 0.8 0 9 N m Lamp tight source blue 110 triat source blue 110 triat source blue 3.MS 32 382, 386 (with relative air humidity of 10 95%, no condensation in opci11 contact actegory during operation according to EC of or 10 tig strange -40 480		440.1/
Control circuit/ Control 3.A Axxillary circuit Geign of the contact of auxiliary contacts Silver alloy number of NC contacts for auxiliary contacts 1 Connections/ Terminals Connections/ Terminals Sorew-type terminals Sorew-type terminals type of electrical connection sorew-type terminals Sorew-type terminal • of modules and accessories Sorew-type terminal Sorew-type terminal * solid with core end processing 2x (0.5 0.75 mm²) Solid without core end processing • solid without core end processing 2x (0.5 0.75 mm²) Solid without core end processing • solid without core end processing 2x (0.5 1.5 mm²) Solid without core end processing • of AWG colles 2x (0.5 1.5 mm²) Solid without core end processing • or AWG colles 2x (1.0 1.5 mm²) Solid without core end processing • or AWG colles 2x (0.5 1.5 mm²) Solid without core end processing • or AWG colles 2x (1.0 1.5 mm²) Solid without core end processing • or AWG colles 2x (1.0 1.5 mm²) Solid without core end processing • or AWG colles 2x (1.0 1.5 mm²) </th <th></th> <th></th>		
Inrush current of LED module maximum 3.A Auxiliary circuit		110 V
Auxiliary circuit design of the contact of auxiliary contacts Silver alloy number of NC contacts for auxiliary contacts 1 connections/ Terminals 1 type of electrical connection screw-type terminals • of modules and accessories Screw-type terminal type of connectable conductor cross-sections • • solid with core end processing 2x (0.5 0.75 mm²) • solid without core end processing 2x (1.0 1.5 mm²) • finely stranded without core end processing 2x (1.0 1.5 mm²) • finely stranded without core end processing 2x (1.0 1.5 mm²) • for AVG cables 2x (1.0 1.5 mm²) • for AVG cables 2x (1.0		2.4
design of the contact of auxiliary contacts Silver alloy number of NC contacts for auxiliary contacts 1 Connactions/Terninals 1 type of electrical connection screw-type terminals • of modules and accessories Screw-type terminal type of electrical connectable conductor cross-sections accessories • solid with core end processing 2x (0.5 0.75 mm²) • solid without core end processing 2x (1.0 1.5 mm²) • finely stranded without core end processing 2x (1.0 1.5 mm²) • finely stranded without core end processing 2x (1.0 1.5 mm²) • finely stranded without core end processing 2x (1.0 1.5 mm²) • finely stranded without core end processing 2x (1.0 1.5 mm²) • for AWG cables 2x (1.0 1.5 mm²) • for AWG cables 2x (1.0 1.5 mm²) • for AWG cables 0.8 0.9 N·m Lamp tightening torque of the screws in the bracket 1 1.2 N·m tight intensity 280 710 mcd Ambient conditions ambient temporature • during storage 40 +80 °C environmental category during operation accord		3 A
number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 Connections/Terminals 5 type of electrical connection screw-type terminals of modules and accessories Screw-type terminal type of onnectable conductor cross-sections - • solid with core end processing 2x (0.5 0.75 mm²) • solid with core end processing 2x (0.5 15 mm²) • finely stranded with core end processing 2x (10 15 mm²) • for AWG cables 2x (18 12 Nm²) tightening torque of the screws in the bracket 1 1.2 Nm tightening torque with screw-type terminals 0.8 0.9 Nm Lamp - type of light source blue light intensity 280 710 mcd Amblent conditions - amblent temperature - • during storage -40 +80 °C environmental category during operation according to IEC 306, 322, 382, 382, 382, 386 (with relative air humidity of 10, 95%, no condensation in operation permitted for ail devices behind front panel) Installation/ mounting diameter - -		Silver allow
number of NO contacts for auxiliary contacts 1 Connections/ Terminals type of electrical connection screw-type terminals of modules and accessories Screw-type terminal type of connectable conductor cross-sections solid with core end processing solid with core end processing 2x (0.50.75 mm²) e solid with core end processing 2x (1.015 mm²) e finely stranded with core end processing 2x (1.015 mm²) e finely stranded with core end processing 2x (1.015 mm²) e for AWG cables 2x (1.012 Nm tightening torque of the screws in the bracket 112 Nm tight intensity 280		
Connections/Terminals type of electrical connection screw-type terminals of modules and accessories Screw-type terminals type of connectable conductor cross-sections solid with core end processing 2x (0.5 0.75 mm²) • solid with core end processing 2x (1.0 1.5 mm²) inley stranded with core end processing 2x (1.0 1.5 mm²) • finely stranded with core end processing 2x (1.0 1.5 mm²) inley stranded with core end processing 2x (1.0 1.5 mm²) • for AWG cables 2x (1.0 1.5 mm²) isl mm²) isl ma² • for AWG cables 2x (1.0 1.5 mm²) isl mm²) • for AWG cables 0.8 0.9 Nm isl ma² Lamp tightening torque of the screws in the bracket 1 1.2 Nm itight source type of light source LED color of the light source blue ilight intensity 280 710 mcd Ambient conditions ambient temperature -40 480 °C -40 480 °C • during operation -25 +70 °C -25 +70 °C • during storage -40 480 °C -40 480 °C installation/ mounting/ dimensions front plate mounting -40 480 °C		
type of electrical connection screw-type terminals • of modules and accessories Screw-type terminal type of connectable conductor cross-sections solid with core end processing 2x (0.5 0.75 mm²) • solid with core end processing 2x (1.0 1.5 mm²) inley stranded with core end processing 2x (1.0 1.5 mm²) • finely stranded without core end processing 2x (1.0 1.5 mm²) inley stranded without core end processing 2x (1.0 1.5 mm²) • for AWG cables 2x (1.0 1.5 mm²) inley stranded without core end processing 2x (1.0 1.5 mm²) • for AWG cables 2x (1.0 1.5 mm²) inley stranded without core end processing 2x (1.0 1.5 mm²) • for AWG cables 2x (1.0 1.5 mm²) inley stranded without core end processing 2x (1.0 1.5 mm²) • for AWG cables 2x (1.0 1.5 mm²) inley stranded without core end processing 2x (1.0 1.5 mm²) • for AWG cables 0.8 0.9 Nm inley stranded with core inley stranded with core • for AWG cables 0.8 0.9 Nm inley storage 40 10 mt inley storage • during operation -25 +70 °C oduring operation according to IEC 60K6, 3	-	
• of modules and accessories Screw-bye terminal type of connectable conductor cross-sections - • solid with core end processing 2x (0.5 0.75 mm²) • solid without core end processing 2x (1.0 1.5 mm²) • finely stranded without core end processing 2x (1.0 1.5 mm²) • finely stranded without core end processing 2x (1.0 1.5 mm²) • for AVIG cables 2x (1.0 1.5 mm²) • for AVIG cables 2x (1.0 1.2 mm²) • tightening torque of the screws in the bracket 1 1.2 Nm tightening torque with screw-type terminals 0.8 0.9 Nm Lamp Lamp type of tight source LED color of the light source blue light intensity 280 710 mcd Ambient conditions -25 +70 °C • during storage -40 +80 °C environmental category during operation according to IEC 60%, 6352, 382, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/mounting/dimensions Front plate mounting fastening method front plate mounting • of modules and accessories Front plate mounting		screw-type terminals
type of connectable conductor cross-sections 2x (0.5 0.75 mm²) • solid with core end processing 2x (1.0 1.5 mm²) • finely stranded with core end processing 2x (1.0 1.5 mm²) • finely stranded with core end processing 2x (1.0 1.5 mm²) • finely stranded with core end processing 2x (1.0 1.5 mm²) • for AWG cables 0.9 N·m Lamp Upper of tight source Lype of tight source LED color of the light source blue light intensity 280 710 mcd Ambient conditions -25 + 70 °C • during operation -25 + 70 °C • during storage -40 + 80 °C environmental category during operation according to IEC 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in 60721 Installation/ mounting/ dimensions front plate mounting fastening method front plate mounting •		
• solid with core end processing 2x (0.5 0.75 mm²) • solid without core end processing 2x (1.0 1.5 mm²) • finely stranded with core end processing 2x (0.5 1.5 mm²) • finely stranded without core end processing 2x (0.1 1.5 mm²) • finely stranded without core end processing 2x (1.0 1,5 mm²) • for AWG cables 2x (1.1 1,5 mm²) • for AWG cables 2x (1.8 14) tightening torque of the screws in the bracket 1 1.2 Nm tightening torque of the screws in the bracket 1 1.2 Nm tightening torque with screw-type terminals 0.8 0.9 Nm Lamp type of light source LED color of the light source blue light intensity 200 710 mcd Ambient conditions - amblent temperature - • during operation -25 +70 °C • during operation according to IEC 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions fort plate mounting fastening method front plate mounting • of modules and accessories		
• finely stranded with core end processing 2x (0.51.5 mm ³) • finely stranded without core end processing 2x (1.01,5 mm ³) • for AWG cables 2x (1814) tightening torque of the screws in the bracket 11.2 N·m tightening torque with screw-type terminals 0.8 0.9 N·m Lamp LED color of the light source LED color of the light source blue light intensity 280 710 mcd Ambient conditions ambient temperature • during storage -40 +80 °C environmental category during operation according to IEC 3M6, 352, 382, 382, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions Front plate mounting height 40 mm width 30 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm		2x (0.5 0.75 mm²)
• finely stranded with core end processing 2x (0.51.5 mm ³) • finely stranded without core end processing 2x (1.01,5 mm ³) • for AWG cables 2x (1814) tightening torque of the screws in the bracket 11.2 N·m tightening torque with screw-type terminals 0.8 0.9 N·m Lamp LED color of the light source LED color of the light source blue light intensity 280 710 mcd Ambient conditions ambient temperature • during storage -40 +80 °C environmental category during operation according to IEC 3M6, 352, 382, 382, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions Front plate mounting height 40 mm width 30 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm	 solid without core end processing 	2x (1.0 1.5 mm ²)
• for AWG cables2x (18 14)tightening torque of the screws in the bracket1 1.2 N·mtightening torque with screw-type terminals0.8 0.9 N·mLampLentype of light sourceLEDcolor of the light sourcebluelight intensity280 710 mcdAmbient conditions-25 +70 °Cambient temperature-25 +70 °C• during operation-25 +70 °C• during storage-40 +80 °CInstallation/ mounting/ dimensionsFront plate mountingfastening methodfort plate mounting• of modules and accessoriesFront plate mountingheight40 mmwidth30 mmshape of the installation openingroundmounting diameter22.3 mmopsitive tolerance of installation diameter0.4 mm		
• for AWG cables2x (18 14)tightening torque of the screws in the bracket1 1.2 N·mtightening torque with screw-type terminals0.8 0.9 N·mLampLentype of light sourceLEDcolor of the light sourcebluelight intensity280 710 mcdAmbient conditions-25 +70 °Cambient temperature-25 +70 °C• during operation-25 +70 °C• during storage-40 +80 °CInstallation/ mounting/ dimensionsFront plate mountingfastening methodfort plate mounting• of modules and accessoriesFront plate mountingheight40 mmwidth30 mmshape of the installation openingroundmounting diameter22.3 mmopsitive tolerance of installation diameter0.4 mm	 finely stranded without core end processing 	2x (1,0 1,5 mm ²)
tightening torque with screw-type terminals 0.8 0.9 N·m Lamp LED type of light source blue light intensity 280 710 mcd Ambient conditions ambient temperature • during operation -25 +70 °C • during storage -40 +80 °C environmental category during operation according to IEC 3M6, 352, 382, 3K6 (with relative air humidity of 10 95%, no condensation in gorastion permitted for all devices behind front panel) Installation/ mounting/ dimensions Front plate mounting height 40 mm width 30 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm		
Lamp type of light source LED color of the light source blue light intensity 280 710 mcd Ambient conditions	tightening torque of the screws in the bracket	1 1.2 N·m
type of light source LED color of the light source blue light intensity 280 710 mcd Ambient conditions 280 710 mcd ambient temperature - • during operation -25 +70 °C • during storage -40 +80 °C environmental category during operation according to IEC 60721 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions front plate mounting fastening method front plate mounting • of modules and accessories Front plate mounting height 40 mm width 30 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm	tightening torque with screw-type terminals	0.8 0.9 N·m
Arror of the light source blue light intensity 280 710 mcd Ambient conditions ambient conditions ambient temperature -25 +70 °C • during operation -25 +80 °C environmental category during operation according to IEC 60721 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions front plate mounting fastening method Front plate mounting • of modules and accessories Front plate mounting height 40 mm width 30 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm	Lamp	
light intensity280 710 mcdAmbient conditionsambient temperature• during operation-25 +70 °C• during storage-40 +80 °Cenvironmental category during operation according to IEC 607213M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)Installation/ mounting/ dimensionsfastening methodfront plate mounting• of modules and accessoriesFront plate mountingheight40 mmwidth30 mmshape of the installation openingroundmounting diameter22.3 mmpositive tolerance of installation diameter0.4 mm	type of light source	LED
Ambient conditions ambient temperature • during operation • during storage -40 +80 °C environmental category during operation according to IEC 60721 Installation/mounting/ dimensions fastening method • of modules and accessories Front plate mounting height width 30 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter	color of the light source	blue
ambient temperature • during operation • during storage -40 +80 °C environmental category during operation according to IEC 60721 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions fastening method front plate mounting • of modules and accessories Front plate mounting height 40 mm width 30 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm	light intensity	280 710 mcd
• during operation-25 +70 °C• during storage-40 +80 °Cenvironmental category during operation according to IEC 607213M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)Installation/ mounting/ dimensionsfront plate mounting• of modules and accessoriesFront plate mounting• height40 mmwidth30 mmshape of the installation openingroundmounting diameter22.3 mmpositive tolerance of installation diameter0.4 mm	Ambient conditions	
• during storage -40 +80 °C environmental category during operation according to IEC 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/mounting/dimensions Installation/mounting/dimensions fastening method front plate mounting • of modules and accessories Front plate mounting height 40 mm width 30 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm	ambient temperature	
environmental category during operation according to IEC 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions fastening method fastening method front plate mounting • of modules and accessories Front plate mounting height 40 mm width 30 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm		
60721 operation permitted for all devices behind front panel) Installation/ mounting/ dimensions fastening method front plate mounting • of modules and accessories Front plate mounting height 40 mm width 30 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm		
Installation/ mounting/ dimensions fastening method front plate mounting • of modules and accessories Front plate mounting height 40 mm width 30 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm		
fastening method front plate mounting • of modules and accessories Front plate mounting height 40 mm width 30 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm		
• of modules and accessoriesFront plate mountingheight40 mmwidth30 mmshape of the installation openingroundmounting diameter22.3 mmpositive tolerance of installation diameter0.4 mm		front plate mounting
height40 mmwidth30 mmshape of the installation openingroundmounting diameter22.3 mmpositive tolerance of installation diameter0.4 mm	-	
shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm	height	
mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm	width	30 mm
positive tolerance of installation diameter 0.4 mm	shape of the installation opening	round
· ·	mounting diameter	22.3 mm
mounting height 11 mm	positive tolerance of installation diameter	0.4 mm
	mounting height	11 mm

installation width		29.5	mm		
installation depth		71.7	mm		
Certificates/ approvals					
General Product App	roval				Declaration of Con- formity
() () () () () () () () () ()	<u>Confirmation</u>			EHC	CE EG-Konf.
Declaration of Con- formity	Test Certificates		Marine / Shipping		
UK CA	Special Test Certific- ate	Type Test Certific- ates/Test Report	ABS	Lloydis Register uis	PRS
Marine / Shipping	other	Environment			
RINA	<u>Confirmation</u>	Environmental Con- firmations			

Further information

Siemens has decided to exit the Russian market (see here).

ind-down-russian-business https://pres /global/en/pres

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3SU1153-0AB50-1FA0

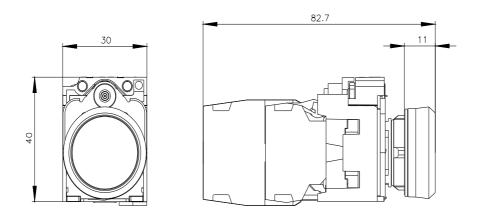
Cax online generator

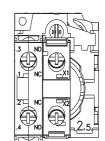
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1153-0AB50-1FA0

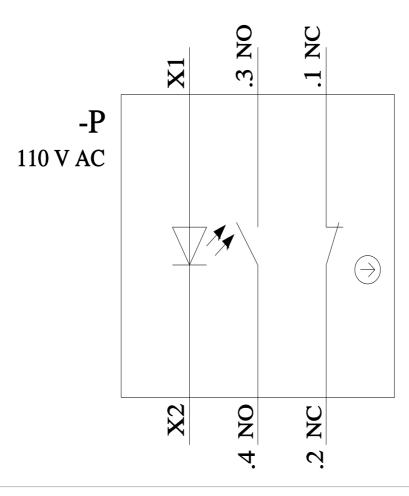
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1153-0AB50-1FA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1153-0AB50-1FA0&lang=en







1/26/2022 🖸

7/25/2023

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens: 3SU11530AB501FA0