# **SIEMENS**

# **Data sheet**



Illuminated pushbutton, 22 mm, round, metal, shiny, blue, pushbutton, flat, momentary contact type, with holder, 1 NO+1 NC, LED module with integrated LED 24 V AC/DC, screw terminal, Z=20-unit packaging

product brand name		
design of the product product type designation product line Metal, shiny, 22 mm Metal, shiny, 22 mm Metal, shiny, 22 mm  manufacturer's article number of supplied contact module at position 1 SSU1400-1AA10-1FA0 of supplied LED module of the supplied LED module of the supplied actuator SSU1650-0AA10-0AA0 of the supplied actuator sSU1651-0A850-0AA0 of the supplied actuator design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element blue material of the actuating element pounder diameter of the actuating element number of contact modules front ring product component front ring design of the front ring Metal, high gloss color of the front ring Metal, high gloss color of the front ring material of the holder Display material of the holder Display number of LED modules 1 General technical data product function positive opening product function positive opening product function positive opening product gere site actuation yes actuation yes actuation yes insulation voltage rated value degree of pollution 3 type of voltage of the openting voltage surge voltage resistance rated value degree of protection NEMA rating 1, 2, 3, 8r, 4, 4K, 12, 13	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm manufacturer's article number  of supplied LED module of the supplied LED module of the supplied actuator of the supplied actuator supplied LED module supplied actuator supplied actuator supplied LED module supplied actuator supplied LED modules of the actuating element principle of operation of the actuating element product extension optional light source yes color of the actuating element shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element product component front ring yes design of the front ring situation supplied LED modules 1 Standard material of the front ring Holder material of the holder plastic Display number of LED modules 1 General technical data product function positive opening product component light source yes insulation voltage rated value degree of poliution 3 Color of the front ing supplied LED modules supplied LED mod	product designation	Illuminated pushbuttons
product line manufacturer's article number  of supplied contact module at position 1  of supplied LED module  of the supplied holder  of the supplied catator  assurisso-DAA10-DAA0  of the supplied catator  subject of command points  1  Actuator  design of the actuating element  principle of operation of the actuating element  product extension optional light source  Yes  color of the actuating element  blue  material of the actuating element  couter diameter of the actuating element  number of contact modules  1  Front ing  product component front ring  design of the front ring  sliver  Holder  material of the front ring  material of the front ring  Metal, high gloss  color of the front ring  Actuation  Actuation	design of the product	Complete unit
manufacturer's article number  of supplied contact module at position 1  of supplied LED module  of the supplied LED module  of the supplied actuator  substitution of the supplied actuator  substitution of the supplied actuator  assuration of the supplied actuator  assuration of the supplied actuator  design of the actuating element  principle of operation of the actuating element momentary contact type product extension optional light source  color of the actuating element blue material of the actuating element plastic  outer diameter of the actuating element count of the actuating element plastic  product extension eptional glement plastic  outer diameter of the actuating element count of the actuating element plastic  outer diameter of the actuating element actuating element plastic  product component front ring yes  design of the front ring standard material 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 across processing actuating element across product opensing yes surge voltage resistance rated value yes of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13  surface accurate processing across tightened  degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	product type designation	3SU1
of supplied LED module of supplied LED module of the supplied holder supplied LED module of the supplied holder supplied LED module of the supplied holder supplied cutator supplied cutator supplied actuator supplied actuator supplied actuator supplied actuator supplied actuator supplied actuator  Actuator  design of the actuating element product extension optional light source color of the actuating element material of the actuating element product extension optional light source supplied actuating element product diameter of the actuating element supplied actuating element pouter diameter of the actuating element supplied actuation	product line	Metal, shiny, 22 mm
of supplied LED module of the supplied holder 3SU1550-0AA10-0AA0 number of command points 1  Actuator  design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element plastic shape of the actuating element plastic shape of the actuating element number of command points  1  Front ring product component front ring design of the front ring material of the front ring silver  Holder  Metal, high gloss color of the holder  Display number of LED modules 1  General technical data product component light source  Yes insulation voltage rated value degree of protection NEMA rating  Peoc. (Apr.)  ACUAC SULFOR, AND	manufacturer's article number	
of the supplied holder of the supplied actuator submer of command points  Actuator  design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element partial of the actuating element partial of the actuating element product extension optional light source plastic shape of the actuating element shape of the actuating element plastic shape 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 product component front ing product component front pring product component front pring product component front pring product component front pring material of the front ring product component front ing product function positive opening product function positive opening product component light source product own orting actuating product function positive opening product function positive opening product component light source product own orting actuating product function positive opening product function positive opening product component light source product own orting actuating product function positive opening product function positive opening product component light source product component light source product own orting actuating product component light source product component light	<ul> <li>of supplied contact module at position 1</li> </ul>	3SU1400-1AA10-1FA0
of the supplied actuator number of command points  Actuator  design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element product extension optional light source color of the actuating element plastic shape of the actuating element plastic shape of the actuating element outer diameter of the actuating element round outer diameter of the actuating element product component front ring product component front ring fent ring product component front ring Metal, high gloss color of the front ring Metal, high gloss color of the front ring Holder material of the holder Display number of LED modules 1  General technical data product function positive opening product component light source Yes insulation voltage rated value degree of pollution 3  type of voltage of the operating voltage surge voltage resistance rated value degree of protection NEMA rating 1, 2, 3, 3R, 4, 4K, 12, 13	<ul> <li>of supplied LED module</li> </ul>	3SU1401-1BB50-1AA0
number of command points 1  Actuator  design of the actuating element principle of operation of the actuating element product extension optional light source Yes  color of the actuating element plastic shape of the actuating element round outer diameter of the actuating element plastic shape of the actuating element plastic shape of the actuating element round outer diameter of the actuating element plastic shape of the front ring plastic	<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0
design of the actuating element 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 sliver  Holder material of the holder Plastic  Display number of LED modules 1  General technical data product function positive opening Yes insulation voltage rated value 320 V degree of pollution 3  type of voltage rost sistance rated value 4 kV protection class IP IP66, IP67, IP69(IP69K) e of the terminal degree of protection NEMA rating 1, 2, 3, 8r, 4, 4X, 12, 13	of the supplied actuator	3SU1051-0AB50-0AA0
design of the actuating element 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 sliver  Holder  Display  number of LED modules 1  General technical data product component light source Yes insulation voltage rated value 320 V degree of pollution 3 type of voltage of the operating voltage and the color of the fee, IP67, IP69(IP69K) e of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	number of command points	1
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 number of contact modules  Front ring product component front ring design of the front ring material of the holder  Display number of LED modules  1  General technical data product tomponent light source insulation voltage rated value degree of protection NEMA rating  • Yes    Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Ye	Actuator	
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  number of contact modules  Front ring  product component front ring  design of the front ring  color of the front ring  material of the front ring  Metal, high gloss  color of the front ring  holder  material of the holder  Plastic  Display  number of LED modules  1  General technical data  product component light source  Yes  insulation voltage rated value  degree of pollution  surge voltage of the operating voltage  surge voltage resistance rated value  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13	design of the actuating element	Button, flat
color of the actuating element blue material of the actuating element round outer diameter of the actuating element 29.45 mm number of contact modules  Front ring product component front ring Yes design of the front ring Metal, high gloss color of the front ring Metal, high gloss color of the front ring Plastic  Display number of LED modules 1  General technical data product function positive opening Yes insulation voltage rated value 320 V degree of pollution yer of the terminal Plastic Plastig resistance rated value 4 kV protection class IP out the terminal blue material of the openating on the front ring Plastig resistance rated value 4 kV protection leass IP out the terminal Plastig resistance rated value Plastig resistance rated ugle resistance rated value Plastig resistance rated value Pla	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 number of contact modules  Front ring  product component front ring design of the front ring Metal, high gloss color of the front ring Metal, high gloss color of the front ring Holder material of the holder Plastic  Display  number of LED modules  foeneral technical data product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value protection class IP of the terminal degree of protection NEMA rating  1  1  1  1  1  1  1  1  1  1  1  1  1	product extension optional light source	Yes
shape of the actuating element outer diameter of the actuating element number of contact modules  1  Front ring product component front ring design of the front ring material of the front ring material of the holder  Display number of LED modules 1  General technical data product component light source insulation voltage rated value degree of pollution surpe voltage resistance rated value protection class IP of the terminal even to the surper surpers of the surpers of the terminal degree of protection NEMA rating 1  29.45 mm 29.	color of the actuating element	blue
outer diameter of the actuating element number of contact modules  1  Front ring  product component front ring design of the front ring material of the front ring material of the front ring material of the holder  Plastic  Display  number of LED modules  1  General technical data  product component light source insulation voltage rated value degree of protection NEMA rating  1 29.45 mm  29.45 mm  1 1  1 29.45 mm  1 29.45 m	material of the actuating element	plastic
number of contact modules  Front ring  product component front ring  design of the front ring  material of the front ring  Metal, high gloss  color of the front ring  material of the holder  Plastic  Display  number of LED modules  General technical data  product function positive opening  yes  insulation voltage rated value  degree of pollution  surge voltage resistance rated value  of the terminal  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13	shape of the actuating element	round
product component front ring  design of the front ring  material of the front ring  material of the front ring  Metal, high gloss  color of the front ring  Metal, high gloss  color of the front ring  Holder  material of the holder  Plastic  Display  number of LED modules  General technical data  product function positive opening  yes  product component light source  insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  4 kV  protection class IP  of the terminal  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13	outer diameter of the actuating element	29.45 mm
product component front ring design of the front ring material of the front ring material of the front ring material of the front ring silver  Holder material of the holder Plastic  Display number of LED modules 1  General technical data product function positive opening product component light source insulation voltage rated value degree of pollution 3  type of voltage of the operating voltage surge voltage resistance rated value of the terminal degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13	number of contact modules	1
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   yes   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	Front ring	
material of the front ring  color of the front ring  silver  Holder  material of the holder  Plastic  Display  number of LED modules  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  surge voltage resistance rated value  4 kV  protection class IP  of the terminal  lP20, clamping screw tightened  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13	product component front ring	Yes
silver   Holder Plastic   Display Plastic   number of LED modules 1   General technical data Yes   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	design of the front ring	Standard
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  surge voltage resistance rated value  4 kV  protection class IP  Ple6, IP67, IP69(IP69K)  • of the terminal  IP20, clamping screw tightened  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13	material of the front ring	Metal, high gloss
material of the holder  Display  number of LED modules  1  General technical data  product function positive opening	color of the front ring	silver
number of LED modules  General technical data  product function positive opening product component light source insulation voltage rated value degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  protection class IP of the terminal  degree of protection NEMA rating  1  1  1  1  1  1  1  1  1  1  1  1  1	Holder	
number of LED modules  General technical data  product function positive opening  product component light source  insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  protection class IP  of the terminal  degree of protection NEMA rating  1  1  1  1  1  1  1  1  1  1  1  1  1	material of the holder	Plastic
product function positive opening product component light source product component light source insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value  protection class IP of the terminal lP20, clamping screw tightened degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13	Display	
product function positive opening  product component light source  insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  protection class IP  of the terminal  lP20, clamping screw tightened  degree of protection NEMA rating  Yes  Yes  Yes  320 V  AC/DC  4 kV  Protection class IP  IP66, IP67, IP69(IP69K)  IP20, clamping screw tightened  1, 2, 3, 3R, 4, 4X, 12, 13	number of LED modules	1
product component light source  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  of the terminal  IP20, clamping screw tightened  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13	General technical data	
insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  AC/DC  surge voltage resistance rated value  protection class IP  of the terminal  lP20, clamping screw tightened  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13	product function positive opening	Yes
degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  4 kV  protection class IP  of the terminal  lP20, clamping screw tightened  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13	product component light source	Yes
type of voltage of the operating voltage  surge voltage resistance rated value  4 kV  protection class IP  of the terminal  lP20, clamping screw tightened  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13	insulation voltage rated value	320 V
surge voltage resistance rated value  protection class IP  of the terminal  lP20, clamping screw tightened  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13	degree of pollution	3
protection class IP  of the terminal  lP20, clamping screw tightened  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13	type of voltage of the operating voltage	AC/DC
● of the terminal IP20, clamping screw tightened degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	surge voltage resistance rated value	4 kV
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	protection class IP	IP66, IP67, IP69(IP69K)
	of the terminal	IP20, clamping screw tightened
shock resistance	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
according to IEC 60068-2-27  vibration resistance	Siliusolidal Ildii-wave 139 / 11 IIIS
	10 500 Hz: 5a
according to IEC 60068-2-6	10 500 Hz: 5g
operating frequency maximum	3 600 1/h
mechanical service life (operating cycles) typical	3 000 000
electrical endurance (operating cycles) typical	10 000 000
thermal current	10 A
reference code according to IEC 81346-2	S
continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	10 A
continuous current of the DIAZED fuse link gG	10 A
Substance Prohibitance (Date)	10/01/2014
operating voltage	
• at AC	
— at 50 Hz rated value	5 500 V
— at 60 Hz rated value	5 500 V
at DC rated value	5 500 V
Power Electronics	
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
Supply voltage	
type of voltage of the supply voltage of the light source	AC/DC
supply voltage of the light source at AC	
at 50 Hz rated value	24 V
at 60 Hz rated value	24 V
supply voltage 1 of the light source at DC rated value	24 V
Control circuit/ Control	
inrush current of LED module maximum	2 A
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for conflicts contacts	1
number of NC contacts for auxiliary contacts	
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	
number of NO contacts for auxiliary contacts Connections/ Terminals	1
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 screw-type terminals
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection  • of modules and accessories	1 screw-type terminals
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection  • of modules and accessories  type of connectable conductor cross-sections	1 screw-type terminals Screw-type terminal
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection  • of modules and accessories  type of connectable conductor cross-sections  • solid with core end processing	screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²)
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection  • of modules and accessories  type of connectable conductor cross-sections  • solid with core end processing  • solid without core end processing	screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²)
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection  • of modules and accessories  type of connectable conductor cross-sections  • solid with core end processing  • solid without core end processing  • finely stranded with core end processing	1  screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²)
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (0.5 1.5 mm²)
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²)
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection  of modules and accessories  type of connectable conductor cross-sections  solid with core end processing  solid without core end processing  finely stranded with core end processing  finely stranded without core end processing  finely stranded without core end processing  for AWG cables  tightening torque of the screws in the bracket	1 screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²)
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection  of modules and accessories  type of connectable conductor cross-sections  solid with core end processing  solid without core end processing  finely stranded with core end processing  finely stranded without core end processing  for AWG cables  tightening torque of the screws in the bracket  tightening torque with screw-type terminals	1 screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²)
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection  of modules and accessories  type of connectable conductor cross-sections  solid with core end processing  solid without core end processing  finely stranded with core end processing  finely stranded without core end processing  for AWG cables  tightening torque of the screws in the bracket  tightening torque with screw-type terminals  Lamp	1 screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 1 1.2 N·m 0.8 0.9 N·m
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1  screw-type terminals  Screw-type terminal  2x (0.5 0.75 mm²)  2x (1.0 1.5 mm²)  2x (0.5 1.5 mm²)  2x (1,0 1,5 mm²)  2x (1,0 1,5 mm²)  2x (18 14)  1 1.2 N·m  0.8 0.9 N·m
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1  screw-type terminals  Screw-type terminal  2x (0.5 0.75 mm²)  2x (1.0 1.5 mm²)  2x (0.5 1.5 mm²)  2x (1,0 1,5 mm²)  2x (1,0 1,5 mm²)  2x (18 14)  1 1.2 N·m  0.8 0.9 N·m
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1  screw-type terminals  Screw-type terminal  2x (0.5 0.75 mm²)  2x (1.0 1.5 mm²)  2x (0.5 1.5 mm²)  2x (1,0 1,5 mm²)  2x (1,0 1,5 mm²)  2x (18 14)  1 1.2 N·m  0.8 0.9 N·m
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1  screw-type terminals  Screw-type terminal  2x (0.5 0.75 mm²)  2x (1.0 1.5 mm²)  2x (0.5 1.5 mm²)  2x (1,0 1,5 mm²)  2x (1,0 1,5 mm²)  2x (18 14)  1 1.2 N·m  0.8 0.9 N·m
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m  LED blue 280 710 mcd
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1  screw-type terminals  Screw-type terminal  2x (0.5 0.75 mm²)  2x (1.0 1.5 mm²)  2x (0.5 1.5 mm²)  2x (1,0 1,5 mm²
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1  screw-type terminals  Screw-type terminal  2x (0.5 0.75 mm²)  2x (1.0 1.5 mm²)  2x (0.5 1.5 mm²)  2x (1,0 1,5 mm²)  2x (18 14)  1 1.2 N·m  0.8 0.9 N·m  LED  blue  280 710 mcd
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m  LED blue 280 710 mcd  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m  LED blue 280 710 mcd  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  front plate mounting Front plate mounting
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m  LED blue 280 710 mcd  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  front plate mounting Front plate mounting Front plate mounting 40 mm
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m  LED blue 280 710 mcd  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  front plate mounting Front plate mounting 40 mm 30 mm
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m  LED blue 280 710 mcd  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  front plate mounting Front plate mounting 40 mm 30 mm round
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m  LED blue 280 710 mcd  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  front plate mounting Front plate mounting 40 mm 30 mm

mounting height	11 mm
installation width	29.5 mm
installation depth	71.7 mm

# Certificates/ approvals

#### Further information

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

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

#### 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=3SU1152-0AB50-1FA0-Z X90

### Cax online generator

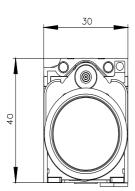
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1152-0AB50-1FA0-Z X90

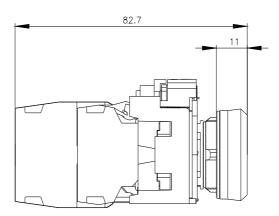
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

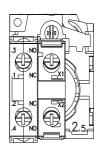
https://support.industry.siemens.com/cs/ww/en/ps/3SU1152-0AB50-1FA0-Z X90

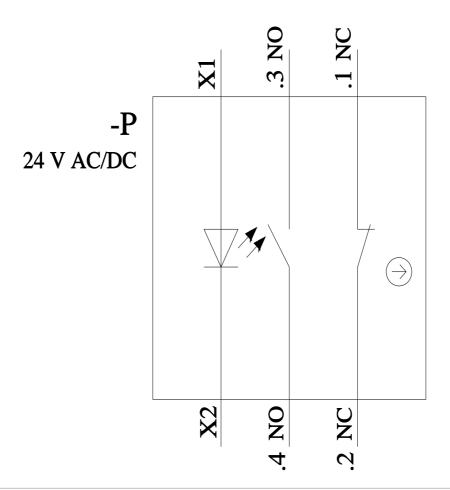
 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$ 

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1152-0AB50-1FA0-Z X90&lang=en









last modified: 1/26/2022 🖸

# **Mouser Electronics**

**Authorized Distributor** 

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

Siemens:

A6X30143277