## **SIEMENS**

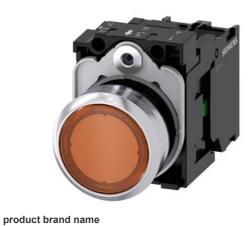
## **Data sheet**

## 3SU1152-0AB00-1BA0





Illuminated pushbutton, 22 mm, round, metal, shiny, amber, pushbutton, flat, momentary contact type, with holder, 1 NO, LED module with integrated LED 24 V AC/DC, screw terminal



design of the product product type designation product line Metal, shiny, 22 mm Manufacturer's article number of supplied centact module at position 1 supplied LED module of supplied LED module of the supplied actuator supplied actuator supplied actuator of supplied actuator supplied actuator supplied actuator supplied actuator supplied actuator supplied actuator design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element shape of the actuating element number of contact modules front ring product component front ring design of the front ring solver supplied suppl	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 actuator  of the supplied actuator  assurisson AA10-AA20  of the supplied actuator  of the supplied actuator  assurisson AA20  number of command points  1  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  material of the actuating element  outer diameter of the actuating element  product component front ring  product component front ring  design of the front ring  slaver  slaver  Metal, high gloss  color of the front ring  material of the holder  Plastic  Display  number of LED modules  1  General technical data  product component light source  Yes  insulation voltage rated value  320 V  degree of pollution  321 Yey  surge voltage resistance rated value  4 kV	design of the product	Complete unit		
manufacturer's article number  of supplied contact module at position 1  of supplied LED module  of the supplied holder  3SU1401-1BB00-1AA0  of the supplied holder  3SU1550-0AA10-0AA0  of the supplied actuator  1  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  material of the actuating element  number of contact modules  1  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 holder  Display  number of LED modules  1  General technical data  product function positive opening  No  product component light source  Yes  Concrated value  320 V  degree of pollution  type of voltage rated value  4 kV	product type designation	3SU1		
of supplied contact module at position 1 of supplied LED module of the supplied holder of the supplied holder of the supplied actuator of the supplied actuator supplied actuator supplied actuator of the supplied actuator supplied actuator supplied actuator  assu1051-0AB00-0AA0  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 material of the actuating element outer diameter of the actuating element outer diameter of the actuating element product component front ring yes design of the front ring Metal, high gloss color of the front ring 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 4 kV  surge voltage resistance rated value 4 kV	product line	Metal, shiny, 22 mm		
of supplied LED module of the supplied holder 3SU1550-0AA10-0AA0  of the supplied actuator 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 material of the actuating element product component front ring product component front ring material of the front ring material of the holder material of the holder  product component light source  1  Front ring product component front ring design of the front ring material of the holder plastic  Standard 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 4 kV  surge voltage resistance rated value 4 kV	manufacturer's article number			
of the supplied holder of the supplied actuator assutios1-0AB00-0AA0 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 material of the actuating element parent plastic shape of the actuating element number of contact modules  Tennt ring product component front ring design of the front ring material of the front plastic  Standard material of the front plastic  Display number of LED modules  1  Ceneral technical data product component light source yes insulation voltage rated value  320 V degree of pollution surge voltage resistance rated value  4 kV	<ul> <li>of supplied contact module at position 1</li> </ul>	3SU1400-1AA10-1BA0		
of the supplied actuator     number of command points     1  Actuator  design of the actuating element	<ul> <li>of supplied LED module</li> </ul>	3SU1401-1BB00-1AA0		
number of command points  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 amber 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  Metal, high gloss  color of the front data  Plastic  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 AC/DC surge voltage resistance rated value 4 kV	<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0		
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 amber 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 No 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	of the supplied actuator	3SU1051-0AB00-0AA0		
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 amber 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 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 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	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 outer diameter of the front ring product component front ring material of the front ring material of the holder Display number of LED modules 1  General technical data product function positive opening product component light source insulation voltage rated value 320 V degree of pollution type of voltage resistance rated value 4 kV	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  1  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  1  General technical data  product function positive opening  product component light source insulation voltage rated value  4 kV  surge voltage resistance rated value  4 kV	design of the actuating element	Button, flat		
color 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 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 tomponent 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	principle of operation of the actuating element	momentary contact type		
material 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 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 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	product extension optional light source	Yes		
shape of the actuating element outer diameter of the actuating element 129.45 mm number of contact modules 1  Front ring product component front ring design of the front ring Metal, high gloss color of the front ring silver Holder material of the holder Display number of LED modules 1  General technical data product function positive opening product component light source insulation voltage rated value 320 V degree of pollution surge voltage resistance rated value 4 kV	color of the actuating element	amber		
outer diameter of the actuating element number of contact modules  1  Front ring  product component front ring	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  Holder  material of the holder  plastic  Display  number of LED modules  feneral technical data  product function positive opening  product component light source  insulation voltage rated value  4 kV	shape of the actuating element	round		
product component front ring  design of the front ring  material of the front ring  color of the front ring  Metal, high gloss  silver  Holder  material of the holder  Plastic  Display  number of LED modules  feneral 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  4 kV	outer diameter of the actuating element	29.45 mm		
product component front ring  design of the front ring  material of the front ring  Color of the front ring  Holder  material of the holder  Display  number of LED modules  Feneral technical data  product function positive opening  product component light source  insulation voltage rated value  Suppose the product of the operating voltage  type of voltage of the operating voltage  surge voltage resistance rated value  4 kV	number of contact modules	1		
design of the front ring  material of the 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  surge voltage of the operating voltage  surge voltage resistance rated value  4 kV	Front ring			
material of the front ring  color of the front ring  silver  Holder  material of the holder  Plastic  Display  number of LED modules  fronduct 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  4 kV	product component front ring	Yes		
color of the front ring  Holder  material of the holder  Display  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  4 kV	design of the front ring	Standard		
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  type of voltage of the operating voltage surge voltage resistance rated value  4 kV	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  product component light source  insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  Plastic  Plastic  Plastic  Plastic  AC/DC  AC/DC  Surge voltage resistance rated value  4 kV	color of the front ring	silver		
number of LED modules  1  General technical data  product function positive opening	Holder			
number of LED modules  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  4 kV	material of the holder	Plastic		
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  4 kV	Display			
product function positive opening Product component light source Product component light sour	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  surge voltage resistance rated value  4 kV	General technical data			
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	product function positive opening	No		
degree of pollution     3       type of voltage of the operating voltage     AC/DC       surge voltage resistance rated value     4 kV	product component light source	Yes		
type of voltage of the operating voltage AC/DC surge voltage resistance rated value 4 kV	insulation voltage rated value	320 V		
surge voltage resistance rated value 4 kV	degree of pollution	3		
	type of voltage of the operating voltage	AC/DC		
protection class IP IP66, IP67, IP69(IP69K)	surge voltage resistance rated value	4 kV		
	protection class IP	IP66, IP67, IP69(IP69K)		

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of the terminal	IP20		
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		
vibration resistance			
• 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		
SVHC substance name	Lead monoxide (lead oxide) - 1317-36-8		
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			
Control Circuit Control			
inrush current of LED module maximum	2 A		
	2 A		
inrush current of LED module maximum Auxiliary circuit			
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts	Silver alloy		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts			
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts	Silver alloy 0		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals	Silver alloy 0 1		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	Silver alloy 0 1 screw terminal		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection  • of modules and accessories	Silver alloy 0 1		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection  • of modules and accessories  type of connectable conductor cross-sections	Silver alloy 0 1 screw terminal Screw-type terminal		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 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	Silver alloy 0 1 screw terminal Screw-type terminal 2x (0.5 0.75 mm²)		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 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	Silver alloy  0 1  screw terminal Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²)		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 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	Silver alloy 0 1  screw terminal Screw-type terminal  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²)		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	Silver alloy  0 1  screw terminal 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)		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	Silver alloy  0 1  screw terminal  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)		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 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 of inely stranded with core end processing of inely stranded without core end processing of inely stranded without core end processing of a AWG cables  tightening torque of the screws in the bracket	Silver alloy  0  1  screw terminal  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)  2x (1,0 1,5 mm²)		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 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 of solid without core end processing of inely stranded with core end processing of inely stranded without core end processing of a AWG cables  tightening torque with screw-type terminals	Silver alloy  0 1  screw terminal  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)		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 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	Silver alloy  0 1  screw terminal  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)		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	Silver alloy  0 1  screw terminal 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		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	Silver alloy  0  1  screw terminal  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)  LED  amber		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 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 ofinely stranded with core end processing ofinely stranded without core end processing of nAWG cables  tightening torque of the screws in the bracket tightening torque with screw-type terminals  Lamp  type of light source color of the light source light intensity	Silver alloy  0 1  screw terminal 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		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 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 of inely stranded with core end processing of inely stranded without core end processing of a AWG cables  tightening torque of the screws in the bracket tightening torque with screw-type terminals  Lamp  type of light source color of the light source light intensity  Ambient conditions	Silver alloy  0  1  screw terminal  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)  LED  amber		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 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  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  type of light source  color of the light source  light intensity  Ambient conditions ambient temperature	Silver alloy  0 1  screw terminal  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 amber 450 1 120 mcd		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	Silver alloy 0 1  screw terminal 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 amber 450 1 120 mcd		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	Silver alloy 0 1  screw terminal 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 amber 450 1 120 mcd		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	Silver alloy  0  1  screw terminal 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		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	Silver alloy 0 1  screw terminal 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 amber 450 1 120 mcd		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	Silver alloy 0 1  screw terminal 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) 2x (1,0 1,5 mm²) 2x (1,0 1,2 N·m 0.8 0.9 N·m  LED amber 450 1 120 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)		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 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  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  type of light source  color of the light source  light intensity  Ambient conditions  ambient temperature  during operation  during storage  environmental category during operation according to IEC 60721  Environmental Product Declaration(EPD)	Silver alloy 0 1  screw terminal 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 amber 450 1 120 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)		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	Silver alloy 0 1  screw terminal 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) 2x (1,0 1,5 mm²) 2x (1,0 1,2 N·m 0.8 0.9 N·m  LED amber 450 1 120 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)		

Global Warming Potential [CO2 eq] during operation	0.235 kg
Global Warming Potential [CO2 eq] after end of life	-0.267 kg
Siemens Eco Profile (SEP)	Siemens EcoTech
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
mounting height	11 mm
installation width	29.5 mm
installation depth	49.7 mm
Approvals Certificates	

CE

**General Product Approval** 



Confirmation





Special Test Certificate

**Test Certificates** 

Test	t C	erti	ific	ates

other

Environment

Type Test Certificates/Test Report

Confirmation



Siemens EcoTech



Environmental Confirmations

## Further information

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=3SU1152-0AB00-1BA0

Cax online generator

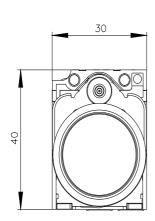
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1152-0AB00-1BA0

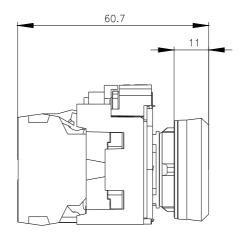
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

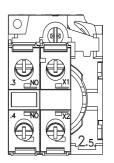
https://support.industry.siemens.com/cs/ww/en/ps/3SU1152-0AB00-1BA0

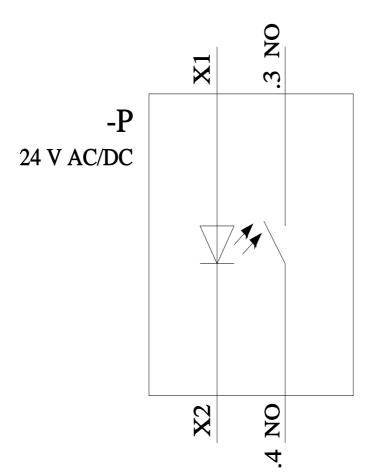
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1152-0AB00-1BA0&lang=en









last modified:

4/8/2024

8/20/2024

