## **SIEMENS**

## **Data sheet**

## 3SU1100-7BD10-1NA0





Coordinate switch, 22 mm, round, plastic, black, 2 switch positions, vertical, momentary contact type, with mechanical interlocking in O position, with holder, 1 NO, 1 NO, screw terminal



product type designation design of the product product type designation product line manufacturer's article number e of supplied contact module at position 2 e of supplied contact module at position 4 sult400-1AA10-1BA0 e of the supplied holder e of the supplied actuator sult400-1AA10-1BA0 sult400-1AA0 sult400-1AA0 sult400-1AA0-1B-10-0AA0 sult400-1AA0 sult400-1AA0-1B-10-0AA0 sult400-1AA0-1B-10-0AA0 sult400-1AA0-1B-10-0AA0 sult400-1AA0-1B-10-0AA0 sult400-1AA0-1B-10-0AA0 sult400-1AA0-1B-10-0AA0 sult400-1AA0-1B-10-0AA0 sult400-1AA10-1BA0 sult400-1AA0-1BA0 sult400-1AA0-1BA0 sult400-1AA10-1BA0 sult400-1AA0-1BA0 sult400-1AA0-1BA0 sult400-1AA0-1BA0 sult400-1AA10-1BA0 sult400-1AA10-1BA0 sult400-1AA10-1BA0 sult400-1AA10-1BA0 sult400-1AA0-1BA0 sult400-1AA0-1BA0 sult400-1AA10-1BA0 sult400-1AA0-1BA0 sult400-1AA10-1BA0 sult400-1AA10-1BA0 sult400-1AA0-1BA0 sult400-1AA10-1BA0 sult400-	p	
product type designation product line Plastic, black, 22 mm manufacturer's article number of supplied contact module at position 2 of supplied contact module at position 4 of the supplied contact module at position 4 of the supplied holder of the supplied actuator  SSU1400-1AA10-1BA0  sSU1400-1AA10-1BA0 of the supplied actuator  SSU1400-1AA10-BA0  of the supplied actuator  SSU1400-7BD10-0AA0  Enclosure shape of the enclosure front Actuator  design of the actuating element with mechanical interlocking principle of operation of the actuating element momentary contact type direction of actuation vertical product extension optional light source No color of the actuating element black material of the actuating element plastic shape of the actuating element Schendele outer diameter of the actuating element So.5 mm number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle ["] Front ring product component front ring high material of the front ring black Holdor material of the front ring high material of the front ring black Holdor material of the holder Plastic Ceneral technical data product function positive opening insulation voltage rated value degree of pollution 3	product designation	Coordinate switches
product line Plastic, black, 22 mm manufacturer's article number  of supplied contact module at position 2     of supplied contact module at position 4     of the supplied contact module at position 4     of the supplied contact module at position 4     of the supplied holder     of the supplied actuator     subject the supplied actuator  Enclosure  shape of the enclosure front     round  Actuator  design of the actuating element with mechanical interlocking principle of operation of the actuating element momentary contact type  direction of actuation vertical product extension optional light source No color of the actuating element plastic shape of the actuating element Extended handle outer diameter of the actuating element and so, 5 mm number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 type of unlocking feetice in angle [*]  Front ring  product component front ring high material of the front ring plastic color of the front ring plastic color of the front ring high material of the holder Plastic  General technical data product function positive opening No insulation votage rated value degree of pollution 3	design of the product	Complete unit
manufacturer's article number  of supplied contact module at position 2 of supplied contact module at position 4 of the supplied notider of the supplied actuator  Sul1400-1AA10-1BA0 of the supplied actuator  Sul1600-7BD10-0AA0  Enclosure shape of the enclosure front design of the actuating element principle of operation of the actuating element momentary contact type direction of actuation product extension optional light source color of the actuating element material of the actuating element plastic shape of the actuating element plastic outer diameter of the actuating element number of contact modules type of unlocking device number of switching positions 2 Maximum deflection angle [*]  Front ting product component front ring design of the front ring plastic color of the front ring plastic plastic Product component front ring plastic plastic Product component front ring plastic product component front ring plastic product component front ring plastic product front ring plastic plastic Plastic Ceneral technical data product function positive opening insulation votage rated value degree of pollution 3  Sul1400-1AA10-1BA0 Sul1400-1AA10 Sul1400-1AA10-1BA0 Sul1400-1AA10-1BA0 Sul1400-1AA10-1BA0 Sul1400-1AA10-1BA0 Sul1400-1AA10 Sul1400-1AA10-1BA0 Sul1400-1AA10 Sul1400-1AA10-1BA0 Sul1400-1AA10 Sul1400-1AA10-1BA0 Sul1400-1AA10 Sul1400-1AA10-1BA0 Sul1400-1AA10 Sul1400-1AA10-1BA0 Sul140	product type designation	3SU1
of supplied contact module at position 2     of supplied contact module at position 4     of the supplied holder     of the supplied holder     of the supplied actuator     of the supplied actuator     sulfactor  shape of the enclosure front  Actuator  design of the actuating element     principle of operation of the actuating element     momentary contact type  direction of actuation     product extension optional light source     color of the actuating element     plastic     shape of the actuating element     product extension optional element     plastic     shape of the actuating element     plastic     shape of the actuating element     push-to-unlatch mechanism     number of contact modules     2     type of unlocking device     number of switching positions     2     Maximum deflection angle [*]     30°  Front ring     product component front ring     design of the front ring     material of the front ring     product component front ring     plastic     design of the front ring     plastic     design of the front ring     product component front ring     plastic     color of the front ring     product component front ring     plastic     color of the front ring     plastic	product line	Plastic, black, 22 mm
of supplied contact module at position 4 of the supplied holder of the supplied actuator  SSU1000-7RD10-0AA0  Enclosure  shape of the enclosure front round  Actuator  design of the actuating element principle of operation of the actuating element product extension optional light source shape of the actuating element product extension optional light source  No color of the actuating element shape of the actuating element plastic shape of the actuating element shape of the actuating element plastic shape of the actuating element shape of the actuating e	manufacturer's article number	
of the supplied holder     of the supplied actuator  Enclosure  shape of the enclosure front  Actuator  design of the actuating element     principle of operation of the actuating element     momentary contact type  direction of actuation     product extension optional light source     shape of the actuating element     product cautating element     plastic     shape of the actuating element     push-to-unlatch mechanism     number of contact modules     2     type of unlocking device     number of switching positions     2     Maximum deflection angle [*]     30°  Front ring     product component front ring     design of the front ring     plastic     color of the front ring     black  Holder  material of the holder  General technical data     product function positive opening     insulation voltage rated value     500 V  degree of pollution	<ul> <li>of supplied contact module at position 2</li> </ul>	3SU1400-1AA10-1BA0
• of the supplied actuator  Shape of the enclosure front  Actuator  design of the actuating element  principle of operation of the actuating element  direction of actuation  product extension optional light source  color of the actuating element  shape of the actuating element  material of the actuating element  plastic  shape of the actuating element  plastic  shape of the actuating element  puter diameter of the actuating element  puter diameter of the actuating element  number of contact modules  2  type of unlocking device  push-to-unlatch mechanism  number of switching positions  2  Maximum deflection angle [*]  product component front ring  design of the front ring  plastic  color of the front ring  plastic  color of the front ring  black  Holder  material of the holder  Plastic  General technical data  product function positive opening  No  insulation voltage rated value  550 V  degree of pollution	<ul> <li>of supplied contact module at position 4</li> </ul>	3SU1400-1AA10-1BA0
Shape of the enclosure front round  Actuator  design of the actuating element with mechanical interlocking principle of operation of the actuating element momentary contact type direction of actuation vertical product extension optional light source No color of the actuating element black material of the actuating element plastic  shape of the actuating element plastic  shape of the actuating element Extended handle outer diameter of the actuating element 30.5 mm number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 mumber of switching positions 2 maximum deflection angle [*] 30°  Front ring  product component front ring Yes design of the front ring high material of the front ring black  Holder material of the holder Plastic  General technical data product function positive opening No insulation voltage rated value 500 V degree of pollution 3	<ul> <li>of the supplied holder</li> </ul>	3SU1550-0BA10-0AA0
shape of the enclosure front  Actuator  design of the actuating element with mechanical interlocking principle of operation of the actuating element momentary contact type  direction of actuation vertical product extension optional light source No color of the actuating element black material of the actuating element plastic shape of the actuating element Extended handle outer diameter of the actuating element 30.5 mm number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [*] 30°  Front ring product component front ring high material of the front ring plastic color of the front ring black  Holder material of the holder General technical data product function positive opening No insulation voltage rated value 500 V degree of pollution 3	<ul> <li>of the supplied actuator</li> </ul>	3SU1000-7BD10-0AA0
design of the actuating element with mechanical interlocking principle of operation of the actuating element momentary contact type direction of actuation vertical vertical product extension optional light source No color of the actuating element black material of the actuating element plastic shape of the actuating element 30.5 mm number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 maximum deflection angle [**] 30°  Front ring product component front ring high material of the front ring plastic color of the front ring black holder product function positive opening No insulation voltage rated value 500 V degree of pollution 3	Enclosure	
design of the actuating element with mechanical interlocking principle of operation of the actuating element momentary contact type  direction of actuation product extension optional light source No color of the actuating element black material of the actuating element plastic shape of the actuating element Extended handle outer diameter of the actuating element 30.5 mm number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [*] 30° Front ring product component front ring high material of the front ring plastic color of the front ring black Holder material of the holder Plastic  General technical data product function positive opening No insulation voltage rated value degree of pollution 3  wettical interlocking momentary contact type wettical momentary contact momentary	shape of the enclosure front	round
principle of operation of the actuating element  direction of actuation  product extension optional light source  color of the actuating element  material of the actuating element  shape of the actuating element  number of contact modules  type of unlocking device  number of switching positions  2  Maximum deflection angle [°]  product component front ring  product component front ring  material of the front ring  material of the front ring  plastic  color of the front positive opening  No  insulation voltage rated value  degree of pollution  No	Actuator	
direction of actuation  product extension optional light source  No  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  type of unlocking device  number of switching positions  Amazimum deflection angle [°]  product component front ring  product component front ring  design of the front ring  material of the front ring  high  material of the holder  General technical data  product function positive opening  No  insulation voltage rated value  degree of pollution  vertical  No  No  insulation voltage rated value  black  No  insulation voltage rated value  degree of pollution	design of the actuating element	with mechanical interlocking
product extension optional light source color of the actuating element black material of the actuating element shape of the actuating element cuter diameter of the actuating element number of contact modules type of unlocking device number of switching positions 2 Maximum deflection angle [*] product component front ring design of the front ring material of the front ring material of the holder material of the holder  material of the holder plastic  General technical data product function positive opening insulation voltage rated value degree of pollution  No insulation voltage rated value  degree of pollution	principle of operation of the actuating element	momentary contact type
color of the actuating element plastic shape of the actuating element Extended handle outer diameter of the actuating element 30.5 mm number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [°] 30° Front ring product component front ring high material of the front ring plastic color of the front ring black Holder material of the holder Plastic General technical data product function positive opening No insulation voltage rated value 500 V degree of pollution 3	direction of actuation	vertical
material of the actuating element Extended handle outer diameter of the actuating element 30.5 mm number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [°] 30°  Front ring product component front ring high material of the front ring plastic color of the front ring black Holder material of the holder Plastic  General technical data product function positive opening No insulation voltage rated value 500 V degree of pollution 3	product extension optional light source	No
shape of the actuating element outer diameter of the actuating element number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [°] 30°  Front ring product component front ring design of the front ring material of the front ring material of the holder material of the holder  Flastic  General technical data product function positive opening insulation voltage rated value degree of pollution  Extended handle  Statended handle  2  Extended handle 30.5 mm 30.5 mm  push-to-unlatch mechanism  Pesh ava  Pes  design of the front ring high high plastic black Plastic  General technical data  Product function positive opening Insulation voltage rated value food V	color of the actuating element	black
outer diameter of the actuating element number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [°] 30°  Front ring product component front ring design of the front ring material of the front ring color of the front ring material of the holder material of the holder Plastic  General technical data product function positive opening insulation voltage rated value degree of pollution 30.5 mm 30.5 mm 30.5 mm 40.5 m	material of the actuating element	plastic
number of contact modules  type of unlocking device  push-to-unlatch mechanism  number of switching positions  2  Maximum deflection angle [°]  30°  Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  material of the holder  material of the holder  Plastic  General technical data  product function positive opening  insulation voltage rated value  degree of pollution  2  push-to-unlatch mechanism  yes  1  1  1  1  1  1  1  1  1  1  1  1  1	shape of the actuating element	Extended handle
type of unlocking device push-to-unlatch mechanism  number of switching positions 2  Maximum deflection angle [°] 30°  Front ring  product component front ring Yes  design of the front ring high  material of the front ring plastic  color of the front ring black  Holder  material of the holder Plastic  General technical data  product function positive opening No  insulation voltage rated value 500 V  degree of pollution 3	outer diameter of the actuating element	30.5 mm
number of switching positions  Maximum deflection angle [°] 30°  Front ring  product component front ring Yes design of the front ring high material of the front ring plastic color of the front ring black  Holder  material of the holder Plastic  General technical data  product function positive opening No insulation voltage rated value 500 V degree of pollution 3	number of contact modules	2
Maximum deflection angle [°] 30°  Front ring  product component front ring Yes  design of the front ring high material of the front ring plastic color of the front ring black  Holder  material of the holder Plastic  General technical data  product function positive opening No insulation voltage rated value 500 V  degree of pollution 3	type of unlocking device	push-to-unlatch mechanism
Front ring product component front ring design of the front ring high material of the front ring plastic color of the front ring black Holder material of the holder Plastic  General technical data product function positive opening insulation voltage rated value degree of pollution  Yes  Yes  Yes  Plastic  Plastic  Plastic  No  3	number of switching positions	2
product component front ring  design of the front ring  material of the front ring  color of the front ring  black  Holder  material of the holder  Plastic  General technical data  product function positive opening  insulation voltage rated value  degree of pollution  Yes  Nigh  Plastic  Yes  No  No  100  100  100  100  100  100	Maximum deflection angle [°]	30°
design of the front ring material of the front ring plastic color of the front ring black Holder material of the holder Plastic  General technical data product function positive opening insulation voltage rated value degree of pollution  high plastic plastic  Plastic  Solv  No  3	Front ring	
material of the front ring plastic color of the front ring black  Holder material of the holder Plastic  General technical data product function positive opening No insulation voltage rated value 500 V degree of pollution 3	product component front ring	Yes
color of the front ring black  Holder  material of the holder Plastic  General technical data  product function positive opening No insulation voltage rated value 500 V  degree of pollution 3	design of the front ring	high
Holder material of the holder  General technical data product function positive opening insulation voltage rated value degree of pollution  Plastic  No  500 V  3	material of the front ring	plastic
material of the holder  General technical data  product function positive opening	color of the front ring	black
General technical data  product function positive opening No insulation voltage rated value 500 V degree of pollution 3	Holder	
product function positive opening  insulation voltage rated value  degree of pollution  No  3	material of the holder	Plastic
insulation voltage rated value 500 V degree of pollution 3	General technical data	
degree of pollution 3	product function positive opening	No
	insulation voltage rated value	500 V
type of voltage of the operating voltage AC/DC	degree of pollution	3
	type of voltage of the operating voltage	AC/DC

SIRIUS ACT

curro voltano rocistanos ratod valus	6 kV
surge voltage resistance rated value	6 kV
protection class IP	IP65, IP67
protection class IP of the terminal	IP20
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	2 400 1/h
mechanical service life (operating cycles)	
as operating period per direction of actuation typical	500 000
electrical endurance (operating cycles) typical	10 000 000
electrical endurance (operating cycles) with contactors 3RT1015 to 3RT1026 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
Weight	98 g
operating voltage	
• at AC	
	F 500 V
at 50 Hz rated value      at 60 Hz rated value	5 500 V 5 500 V
at DC rated value	5 500 V
Power Electronics	0 1 1 1 400 11 477 ( 5 4 ) 1 1 40 11
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
	0
number of NC contacts for auxiliary contacts	
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts	2
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals	
number of NO contacts for auxiliary contacts Connections/ Terminals	2
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection of modules and accessories	
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection of modules and accessories  type of connectable conductor cross-sections	2 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	2 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	2 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	2 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 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	2 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 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	2 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  • for AWG cables  tightening torque of the screws in the bracket	2 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 for auxiliary contacts with screw-type terminals	2 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	2 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	2 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 1 N·m
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 for auxiliary contacts with screw-type terminals  Safety related data  proportion of dangerous failures  • with low demand rate according to SN 31920	2 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 1 N·m
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 for auxiliary contacts with screw-type terminals  Safety related data  proportion of dangerous failures  • with low demand rate according to SN 31920  • with high demand rate according to SN 31920	2 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 1 N·m
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection of modules and accessories  type of connectable conductor cross-sections	2  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 1 N·m  20 %  20 %  20 %  250 000
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection of modules and accessories  type of connectable conductor cross-sections	2 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 1 N·m
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection of modules and accessories  type of connectable conductor cross-sections	2  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 1 N·m  20 %  20 %  20 %  250 000
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection of modules and accessories  type of connectable conductor cross-sections	2 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 1 N·m  20 % 20 % 250 000 100 FIT
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection of modules and accessories  type of connectable conductor cross-sections	2  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 1 N·m  20 %  20 %  20 %  250 000
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection of modules and accessories  type of connectable conductor cross-sections	2 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 1 N·m  20 % 20 % 250 000 100 FIT
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection of modules and accessories  type of connectable conductor cross-sections	2 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 1 N·m  20 % 20 % 250 000 100 FIT
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection of modules and accessories  type of connectable conductor cross-sections	2 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 1 N·m  20 % 20 % 250 000 100 FIT
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection of modules and accessories  type of connectable conductor cross-sections	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 1 N·m  20 % 20 % 250 000 100 FIT
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection of modules and accessories  type of connectable conductor cross-sections	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 1 N·m  20 % 20 % 250 000 100 FIT  20 a  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection of modules and accessories  type of connectable conductor cross-sections	2 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 1 N·m  20 % 20 % 250 000 100 FIT  20 a
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection of modules and accessories  type of connectable conductor cross-sections	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 1 N·m  20 % 20 % 250 000 100 FIT  20 a  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 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 of modules and accessories  type of connectable conductor cross-sections	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 1 N·m  20 % 20 % 250 000 100 FIT  20 a  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Yes
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection of modules and accessories  type of connectable conductor cross-sections	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 1 N·m  20 % 20 % 250 000 100 FIT  20 a  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 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	-0.015 kg
Siemens Eco Profile (SEP)	Siemens EcoTech
Installation/ mounting/ dimensions	
fastening method	front plate mounting
<ul> <li>of modules and accessories</li> </ul>	Front plate mounting
height	40 mm
width	40 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	75.6 mm
installation width	30.5 mm
installation depth	53.7 mm
Approvals Certificates	

General Product Approval







Confirmation





Test Certificates other Environment

Special Test Certificate

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=3SU1100-7BD10-1NA0

Cax online generator

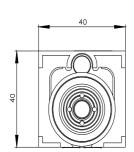
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1100-7BD10-1NA0}\\$ 

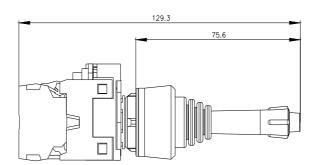
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-7BD10-1NA0

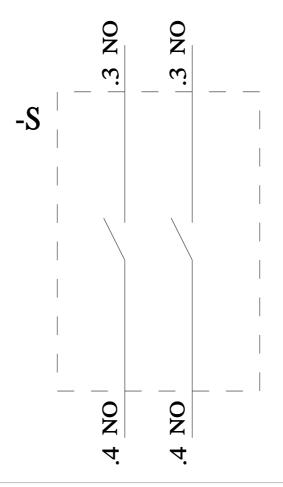
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1100-7BD10-1NA0&lang=en









last modified: 2/7/2024 🖸

