## 3SU1100-4BF11-3FA0-Z Y19

## **Data sheet**





RONIS key-operated switch, 22 mm, round, plastic, lock number SB30, with 2 keys, 2 switch positions O-I, latching, 10:30h/13:30h, key removal O+I, with holder, 1 NO+1 NC, spring-type terminal, possible special locks: SB31, 421, 455, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)



product designation (key-operated switches  design of the product product Complete unit  product type designation 3SU1  product line Plastic, black, 22 mm  manufacturer's article number  • of included key 3SU1950-0F880-0AA0 • of supplied contact module 3SU1400-1AA10-3FA0 • of supplied contact module 4 position 1 • of the supplied holder 3SU1400-1AA10-3FA0 • of the supplied actuator 3SU1000-4BF11-0AA0  Enclosure  shape of the enclosure front round number of command points 1  Actuator  principle of operation of the actuating element silver material of the actuating element metal shape of the actuating element metal shape of the actuating element (key outer diameter of the actuating element 29.5 mm  marking of the actuating element 29.5 mm  marking of the actuating positions 2 switch position for key distraction 0+1  actuator over the actuating positions 2 switch position for key distraction 0+2  actuating angle 6 clockwise 90°  product component front ring 1  plastic 1  Plastic	product brand name	SIRIUS ACT
product type designation product line product line manufacturer's article number of included key of supplied contact module of supplied contact module at position 1 SSU1400-1AA10-3FA0 of the supplied holder of the supplied actuator 3SU1300-1AA10-3FA0 3SU1400-1AA10-3FA0 supplied contact module at position 1 SSU1400-1AA10-3FA0 of the supplied actuator 3SU1000-4BF11-0AA0  Finclosure shape of the enclosure front number of command points 1 Actuator principle of operation of the actuating element product extension optional light source color of the actuating element shape of the actuating element waterial of the actuating element couter diameter of the actuating element material of succession action actuating element customized labeling, text or symbols, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) number of contact modules 1 number of switching positions 2 switch position for key distraction configuratori/Configuration Identification Number (CIN)  number of switching positions 2 switch position for key distraction of actuating and clockwise 90° lock make RoNIS key number Front ring product component front ring design of the front ring plastic color of the front ring black	product designation	Key-operated switches
product line Plastic, black, 22 mm manufacturer's article number  of included key of supplied contact module of supplied contact module at position 1 sulfato-1AA10-SFAQ of the supplied holder of the supplied actuator supplied contact module at position 1 sulfato-0-1AA10-SFAQ sulfato-0-0AA10-0AAQ of the supplied actuator supplied of operation of the actuating element product extension optional light source color of the actuating element subver material of the actuating element subver supplied actuating element subver supplied actuating element customized labeling, text or symbols, can only be ordered via SIRIUS ACT configuration identification Number (CIN)  number of contact modules 1 number of switching positions 2 switch position for key distraction actuating angle clockwise supplied actuator ing product component front ring substance design of the front ring substance supplied actuator supplied actuator ing supplied actuator supplie	design of the product	Complete unit
manufacturer's article number  • of included key  • of supplied contact module  • of supplied contact module at position 1  • of the supplied contact module at position 1  • of the supplied contact module at position 1  • of the supplied actuator  3SU1550-0AA10-0AA0  • of the supplied actuator  Salu1000-4BF11-0AA0   Finclosure  shape of the enclosure front round number of command points  1  Actuator  principle of operation of the actuating element principle of operation of the actuating element silver  material of the actuating element metal shape of the actuating element with the actuating element shape of the actuating element configurator/Configuration identification Number (CIN)  number of contact modules  1  number of switching positions  2  switch position for key distraction of the actuating element of the actuating element configurator/Configuration identification Number (CIN)  number of switching positions  2  switch position for key distraction of the actuating element of the actuating element of the actuating element switching angle  • clockwise  • clockwise  • clockwise  • clockwise  product component front ring  general standard  material of the front ring  plastic  color of the front ring  plastic	product type designation	3SU1
of included key     of supplied contact module     of supplied contact module assuration of supplied contact module at position 1     of the supplied holder     of the supplied holder     of the supplied actuator     supplied on the actuating element     incume of command points     1     Actuator     principle of operation of the actuating element     silver     material of the actuating element     supplied to the actuating element     customized labeling, text or symbols, can only be ordered via SIRIUS ACT configuration identification Number (CIN)     number of contact modules     1     number of contact modules     1     number of switching positions     2     switch position for key distraction     oH     actuating angle     • clockwise     90°     lock make     RONIS     key number     SB30     Front ring     product component front ring     design of the front ring     slandard     material of the front ring     plastic     color of the front ring     black Holder	product line	Plastic, black, 22 mm
of supplied contact module     of supplied contact module at position 1     of the supplied holder     of the supplied holder     of the supplied holder     of the supplied actuator     sulface of the supplied actuator     sulface of the supplied actuator     sulface of the supplied actuator      sulface of the supplied actuator      sulface of the supplied actuator      sulface of the supplied actuator      sulface of the supplied actuator      sulface of the s	manufacturer's article number	
of supplied contact module at position 1     of the supplied holder     of the supplied actuator     subjusted actuator  Enclosure  shape of the enclosure front number of command points  Actuator  principle of operation of the actuating element product extension optional light source  color of the actuating element material of the actuating element marking of the actuating element marking of the actuating element couter diameter of the actuating element configuratori/Configuration Identification Number (CIN)  number of contact modules 1 number of switching positions 2 switch position for key distraction actuating angle     olockwise 90° lock make key number SB30  Front ring product component front ring design of the front ring plastic color of the front ring black Holder	<ul> <li>of included key</li> </ul>	3SU1950-0FB80-0AA0
of the supplied holder     of the supplied actuator     3SU1000-4BF11-0AA0  Enclosure  shape of the enclosure front round number of command points 1  Actuator  principle of operation of the actuating element silver material of the actuating element metal shape of the actuating element shape of the actuating element metal shape of the actuating element Sey outer diameter of the actuating element Sey of the sey of the actuating element Sey of the sey	<ul> <li>of supplied contact module</li> </ul>	3SU1400-1AA10-3FA0
of the supplied actuator      shape of the enclosure front     number of command points     Actuator  principle of operation of the actuating element     product extension optional light source     color of the actuating element     material of the actuating element     material of the actuating element     marking of the actuating element     customized labeling, text or symbols, can only be ordered via SIRIUS ACT configuration Identification Number (CIN)     number of contact modules     number of switching positions     2     switch position for key distraction     actuating angle     clockwise     lock make     key number     SB30  Front ring     product component front ring     design of the front ring     plastic     color of the front ring     black Holder	<ul> <li>of supplied contact module at position 1</li> </ul>	3SU1400-1AA10-3FA0
Enclosure shape of the enclosure front number of command points  Actuator  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 shape of the actuating element material of the actuating element shape of the actuating element customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of contact modules 1 number of switching positions 2 switch position for key distraction other actuating angle clockwise olockwise 90° lock make RONIS key number SB30  Front ring product component front ring design of the front ring material of the front ring black Holder	<ul> <li>of the supplied holder</li> </ul>	<u>3SU1550-0AA10-0AA0</u>
shape of the enclosure front number of command points  Actuator  principle of operation of the actuating element product extension optional light source No color of the actuating element material of the actuating element shape of the actuating element shape of the actuating element word diameter of the actuating element customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of contact modules 1 number of switching positions 2 switch position for key distraction actuating angle clockwise lock make RONIS key number SB30  Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder	<ul> <li>of the supplied actuator</li> </ul>	3SU1000-4BF11-0AA0
number of command points  Actuator  principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element silver material of the actuating element shape of the actuating element with actuating element shape of the actuating element cuter diameter of the actuating element marking of the actuating element Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configuration Identification Number (CIN)  number of contact modules 1 number of switching positions 2 switch position for key distraction O+I actuating angle elockwise 90° lock make RONIS key number SB30  Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder	Enclosure	
Actuator  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 marking of the actuating element marking of the actuating element customized labeling, text or symbols, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) number of contact modules number of switching positions switch position for key distraction actuating angle elockwise lock make RONIS key number separation product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder	shape of the enclosure front	round
principle of operation of the actuating element product extension optional light source No color of the actuating element material of the actuating element shape of the actuating element warking of the actuating element marking of the actuating element customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules 1 number of switching positions 2 switch position for key distraction actuating angle clockwise 90° lock make RONIS key number SB30  Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder	number of command points	1
product extension optional light source  color of the actuating element  material of the actuating element  shape of the actuating element  well  shape of the actuating element  cut diameter of the actuating element  marking of the actuating element  customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of contact modules  number of switching positions  2  switch position for key distraction  actuating angle  clockwise  po°  lock make  RONIS  key number  SB30  Front ring  product component front ring  design of the front ring  material of the front ring  plastic  color of the front ring  black  Holder	Actuator	
color of the actuating element material of the actuating element shape of the actuating element weighted for the actuating element shape of the actuating element customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules number of switching positions 2 switch position for key distraction customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  1 number of switching positions 2 switch position for key distraction O+I actuating angle clockwise 90° lock make RONIS key number SB30  Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder	principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)
material of the actuating element shape of the actuating element cuter diameter of the actuating element marking of the actuating element  marking of the actuating element  customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of contact modules  number of switching positions  2  switch position for key distraction actuating angle  clockwise  90°  lock make RONIS  key number SB30  Front ring  product component front ring design of the front ring material of the front ring material of the front ring black Holder	product extension optional light source	No
shape of the actuating element outer diameter of the actuating element marking of the actuating element  Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of contact modules 1 number of switching positions 2 switch position for key distraction actuating angle • clockwise 90° lock make RONIS key number SB30  Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder	color of the actuating element	silver
outer diameter of the actuating element  marking of the actuating element  Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of contact modules  1 number of switching positions  2 switch position for key distraction  O+I  actuating angle  • clockwise  90°  lock make  RONIS  key number  Front ring  product component front ring  design of the front ring  material of the front ring  plastic  color of the front ring  black  Holder	material of the actuating element	metal
marking of the actuating element  Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of contact modules  1 number of switching positions  2 switch position for key distraction  O+I  actuating angle  ● clockwise  90°  lock make  RONIS  key number  Front ring  product component front ring  design of the front ring  material of the front ring  plastic  color of the front ring  black  Holder	shape of the actuating element	Key
configurator/Configuration Identification Number (CIN)  number of contact modules  number of switching positions  switch position for key distraction  actuating angle  • clockwise  90°  lock make  RONIS  key number  Front ring  product component front ring  design of the front ring  material of the front ring  plastic  color of the front ring  Holder	outer diameter of the actuating element	29.5 mm
number of switching positions  switch position for key distraction  actuating angle  clockwise  90°  lock make  RONIS  key number  SB30  Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  black  Holder	marking of the actuating element	
switch position for key distraction  actuating angle  • clockwise  90°  lock make  RONIS  key number  SB30  Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  black  Holder	number of contact modules	1
actuating angle	number of switching positions	2
	switch position for key distraction	O+I
lock make RONIS key number SB30  Front ring product component front ring Yes design of the front ring Standard material of the front ring plastic color of the front ring black Holder	actuating angle	
key number SB30  Front ring  product component front ring Yes  design of the front ring Standard  material of the front ring plastic  color of the front ring black  Holder	• clockwise	90°
Front ring product component front ring design of the front ring material of the front ring color of the front ring black Holder	lock make	RONIS
product component front ring  design of the front ring  material of the front ring  color of the front ring  black  Holder	key number	SB30
design of the front ring  material of the front ring  color of the front ring  black  Holder	Front ring	
material of the front ring plastic color of the front ring black Holder	product component front ring	Yes
color of the front ring black Holder	design of the front ring	Standard
Holder	material of the front ring	plastic
	color of the front ring	black
material of the holder Plastic	Holder	
	material of the holder	Plastic

SIRIUS ACT

General technical data	
product function positive opening	Yes
product component light source	No
insulation voltage rated value	500 V
degree of pollution	3
type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value	6 kV
protection class IP	IP66, IP67, IP69(IP69K)
of the terminal	IP20
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 500 Hz: 5g
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
operating frequency maximum	1 800 1/h
mechanical service life (operating cycles) typical	1 000 000
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	
• rated value	5 500 V
• at AC	
— at 50 Hz rated value	5 500 V
— at 60 Hz rated value	5 500 V
100 11 1	F F00.V
<ul> <li>at DC rated value</li> </ul>	5 500 V
at DC rated value  Power Electronics	o ouU V
	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million
Power Electronics contact reliability	
Power Electronics contact reliability  Auxiliary circuit	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
Power Electronics  contact reliability  Auxiliary circuit  design of the contact of auxiliary contacts	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million
Power Electronics contact reliability  Auxiliary circuit	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy
Power Electronics  contact reliability  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy 1
Power Electronics contact reliability  Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy 1
Power Electronics contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy  1
Power Electronics  contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy 1
Power Electronics contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy  1
Power Electronics contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy  1  1  Spring-type terminal
Power Electronics contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy 1 1 Spring-type terminal 2x (0.25 1.5 mm²)
Power Electronics contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy  1  1  Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²)
Power Electronics contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy  1  1  Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²)
Power Electronics contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy  1  1  Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16)
Power Electronics contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy  1  1  Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16)
Power Electronics contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy  1  1  Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16)
Power Electronics contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy  1  1  Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16)  1 1.2 N·m
Power Electronics contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy  1  1  Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16)  1 1.2 N·m
Power Electronics contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy  1  1  Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
Power Electronics contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy  1  1  Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m  -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)
Power Electronics contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy  1  1  Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²) 1x (24 16) 1 1.2 N·m  -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
Power Electronics contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy  1  1  Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²) 1x (24 16) 1 1.2 N·m  -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 0.787 kg
Power Electronics contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy  1  1  Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16)  1 1.2 N·m  -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 0.787 kg 0.566 kg
Power Electronics contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy  1  1  Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m  -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 0.787 kg 0.566 kg 0.235 kg
Contact reliability  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  finely stranded with core end processing  finely stranded without core end processing  for AWG cables  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature  during operation during storage  environmental category during operation according to IEC 60721  Environmental Froduct Declaration(EPD)  Global Warming Potential [CO2 eq] during manufacturing Global Warming Potential [CO2 eq] during operation Global Warming Potential [CO2 eq] during operation Global Warming Potential [CO2 eq] during operation	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy  1  1  Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²) 2x (0.24 16) 1 1.2 N·m  -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 0.787 kg 0.566 kg 0.235 kg -0.015 kg
Power Electronics contact reliability  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	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Silver alloy  1  1  Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m  -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 0.787 kg 0.566 kg 0.235 kg

fastening method	
<ul> <li>of modules and accessories</li> </ul>	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	49.4 mm
installation width	29.5 mm
installation depth	71.7 mm

Approvals Certificates

General Product Approval Test Certificates Marine / Shipping

Confirmation





Type Test Certificates/Test Report

Special Test Certificate



Marine / Shipping other Environment







Confirmation



Siemens EcoTech



## 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=3SU1100-4BF11-3FA0-Z Y19

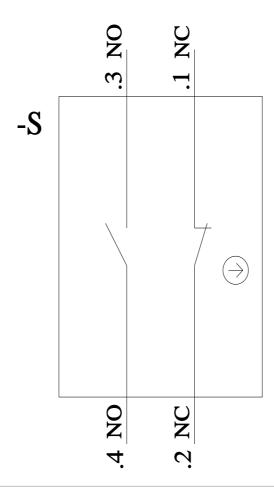
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-4BF11-3FA0-Z Y19

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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1100-4BF11-3FA0-Z Y19&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1100-4BF11-3FA0-Z Y19&lang=en</a>



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