## **SIEMENS**

## **Data sheet**



Coordinate switch, 22 mm, round, metal shiny, black, 2 switch positions, horizontal momentary contact type, with mechanical interlocking, in O position, with holder, 1 NO, 1 NO, screw terminal, Z=20-unit packaging

product designation  design of the product product type designation product type designation  surfacturer'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 actuator shape of the supplied actuator  shape of the enclosure front  Actuator  design of the actuating element principle of operation of the actuating element with mechanical interlocking product extension optional light source color of the actuating element shape of the actuating element principle of operation of the actuating element black color of the actuating element shape of the actuating element principle of operation of the actuating element black color of the actuating element shape of the actuating element plassic shape of the actuating element shape of the actuating element plassic shape of the actuating element principle of operation of the actuating element principle of othe actuating element principle of operation of the actuation element principle	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm manufacturer's article number  • 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  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 material of the actuating element  outer diameter of the actuating element  outer diameter of the actuating element  outer diameter of the actuating element  puber of switching positions 2  Maximum deflection angle [*]  product component front ring design of the front ring material of the holder  push-to-unlatch mechanism product component front ring design of the front ring material of the front ring product component front ring design of the front ring Metal, high gloss color of the front ring Metal, high gloss silver  Holder material of the holder  Plastic  Ceneral technical data  product function positive opening No insulation voltage rated value  6 kV	product designation	Coordinate switches
product line manufacturer's article number  of supplied contact module at position 2  of supplied contact module at position 4  of the supplied holder  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  material of the actuating element  public actuating element  material of the actuating element  public direction of actuation  product extension optional light source  color of the actuating element  material of the actuating element  public direction of actuation  product extension optional light source  color of since actuating element  material of the actuating element  public direction of actuation  product extension optional light source  public direction of actuating element  plastic  shape of the actuating element  plastic  shape of the actuating element  public direction of optional light source  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 [*]  Front ring  product component front ring  design of the front ring  Metal, high gloss  color of the front ring  Metal, to positive opening  No  insulation voltage rated value  degree of pollution  3  AC/DC  surge voltage resistance rated value  6 kV	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 contact module at position 4  of the supplied contact module at position 4  of the supplied contact module at position 4  sult550-0BA10-0AA0  of the supplied actuator  Bale of the supplied actuator  shape of the enclosure front  cound  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 black b	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     of the supplied actuator     sulfoso-7BD88-0AA0  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     color of the actuating 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 [*]  Front ring  product component front ring     design of the front ring     silver  Holder  material of the holder  General technical data  product function positive opening     No  insulation voltage rated value     6 kV	product line	Metal, shiny, 22 mm
of supplied contact module at position 4     of the supplied holder     of the supplied actuator     SBU1550-0BA10-0AA0     SBU1050-TBD88-0AA0  Enclosure shape of the enclosure front  Actuator  design of the actuating element     principle of operation of the actuating element	manufacturer's article number	
of the supplied holder     of the supplied actuator     SSU1050-78D88-0AA0  Enclosure shape of the enclosure front Actuator  design of the actuating element	<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 momentary contact type direction of actuation product extension optional light source color 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 element public shape of the actuating element surfice divided in the actuating element surfice design of the enclose surfice divided in the actuating element surfice divided in the actuation of the actuating element surfice divided in the actuation of the actuating element surfice divided in the actuation of the actuating element surfice divided in the actuating element surfice divided in the actuating element surfice divided in the actuating el	<ul> <li>of supplied contact module at position 4</li> </ul>	3SU1400-1AA10-1BA0
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 color of the actuating element black material of the actuating element shape of the actuating element shape of the actuating element public shape of the actuating element shape of the front ring shape of the front	<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 wertical 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 Metal, high gloss color of the front ring silver  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 voltage of the operating voltage AC/DC surge voltage resistance rated value  6 kV	<ul> <li>of the supplied actuator</li> </ul>	3SU1050-7BD88-0AA0
Actuator  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 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 Metal, high gloss color of the front ring silver 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 voltage of the operating voltage and color of technical data product of the poperating voltage and color of technical data and the poperating voltage and color of the poperating voltage AC/DC surge voltage resistance rated value 6 kV	Enclosure	
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 Extended handle outer diameter of the actuating element 30.5 mm number of contact modules 2 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 Metal, high gloss color of the front ring silver Metal, high gloss color of the front positive opening No insulation voltage rated value 500 V degree of pollution 3 type of voltage of the operating voltage resistance rated value 6 kV	shape of the enclosure front	round
principle of operation of the actuating element  direction of actuation  product extension optional light source  No  color of the actuating element  black  material of the actuating element  outer diameter of the actuating element  number of contact modules  type of unlocking device  number of switching positions  Amaximum deflection angle [*]  product component front ring  design 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  3 type of voltage rated value  6 kV	Actuator	
direction of actuation product extension optional light source color of the actuating element material of the actuating element plastic shape of the actuating element couter diameter of the actuating element number of contact modules 2 type of unlocking device number of switching positions 2 Maximum deflection angle [°] Front ring product component front ring design of the front ring material of the front ring Holder material of the holder Plastic  General technical data product function positive opening insulation voltage rated value degree of pollution support to the position of th	design of the actuating element	with mechanical interlocking
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  type of unlocking device  number of switching positions  and a swimum deflection angle [°]  product component front ring  design of the front ring  material of the front ring  Holder  material of the holder  General technical data  product function positive opening  insulation voltage rated value  degree of pollution  surge voltage resistance rated value  6 kV	principle of operation of the actuating element	momentary contact type
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 2 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 front ring Holder material of the holder General technical data product function positive opening insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value 6 kV	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 Metal, high gloss color of the front ring silver  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 voltage of the operating voltage surge voltage resistance rated value 6 kV	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 number of switching positions 2 Maximum deflection angle [°] 7 30°  Front ring product component front ring design of the front ring material of the front ring Holder material of the holder general technical data product function positive opening insulation voltage rated value 500 V degree of pollution surge voltage resistance rated value 6 kV	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 Metal, high gloss color of the front ring silver Holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value 500 V degree of pollution type of voltage of the operating voltage surge voltage resistance rated value 6 kV	material of the actuating element	plastic
number of contact modules  type of unlocking device 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 Metal, high gloss color of the front ring silver  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 voltage of the operating voltage surge voltage resistance rated value 6 kV	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 Metal, high gloss color of the front ring silver  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 voltage of the operating voltage surge voltage resistance rated value 6 kV	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 Metal, high gloss color of the front ring silver  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 voltage of the operating voltage AC/DC surge voltage resistance rated value 6 kV	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 Metal, high gloss color of the front ring silver  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 voltage of the operating voltage AC/DC surge voltage resistance rated value 6 kV	type of unlocking device	push-to-unlatch mechanism
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  General technical data  product function positive opening insulation voltage rated value  degree of pollution  type of voltage of the operating voltage surge voltage resistance rated value  6 kV	number of switching positions	2
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  General technical data  product function positive opening  insulation voltage rated value  type of voltage of the operating voltage  surge voltage resistance rated value  Yes  high  high  high  high  high  Netal, high gloss  silver  Plastic  Plastic  Sol V  degree of plastic  AC/DC  surge voltage resistance rated value  6 kV	Maximum deflection angle [°]	30°
design of the front ring material of the front ring Metal, high gloss color of the front ring silver  Holder material of the holder  General technical data product function positive opening insulation voltage rated value type of voltage of the operating voltage surge voltage resistance rated value  6 kV	Front ring	
material of the front ring  color of the front ring  Holder  material of the holder  Plastic  General technical data  product function positive opening  insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  Metal, high gloss  silver  No  Plastic  No  So  AC/DC  Surge voltage resistance rated value  6 kV	product component front ring	Yes
color of the front ring  Holder  material of the holder  Plastic  General technical data  product function positive opening insulation voltage rated value  degree of pollution type of voltage of the operating voltage surge voltage resistance rated value  silver  Plastic  No  Soo V  AC/DC  Surge voltage resistance rated value  6 kV	design of the front ring	high
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 voltage of the operating voltage AC/DC surge voltage resistance rated value 6 kV	material of the front ring	Metal, high gloss
material of the holder  General technical data  product function positive opening insulation voltage rated value  degree of pollution type of voltage of the operating voltage surge voltage resistance rated value  Plastic  No  500 V  AC/DC  Surge voltage resistance rated value 6 kV	color of the front ring	silver
product function positive opening insulation voltage rated value  degree of pollution type of voltage of the operating voltage surge voltage resistance rated value  6 kV	Holder	
product function positive opening insulation voltage rated value  degree of pollution type of voltage of the operating voltage surge voltage resistance rated value  No  500 V  AC/DC  surge voltage resistance rated value  6 kV	material of the holder	Plastic
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	General technical data	
degree of pollution     3       type of voltage of the operating voltage     AC/DC       surge voltage resistance rated value     6 kV	product function positive opening	No
type of voltage of the operating voltage AC/DC surge voltage resistance rated value 6 kV	insulation voltage rated value	500 V
surge voltage resistance rated value 6 kV	degree of pollution	3
	type of voltage of the operating voltage	AC/DC
protection class IP IP65 IP67	surge voltage resistance rated value	6 kV
11 00, 11 01	protection class IP	IP65, IP67

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 (switching cycles)	
as operating period per direction of actuation typical	500 000
electrical endurance (switching cycles) typical	10 000 000
electrical endurance (switching 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
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)
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	2
Connections/ Terminals	
type of electrical connection of modules and accessories	Screw-type terminal
type of connectable conductor cross-sections	
<ul> <li>solid with core end processing</li> </ul>	2x (0.5 0.75 mm²)
·	2x (1.0 1.5 mm²)
<ul> <li>solid without core end processing</li> </ul>	ZX (1:U 1:3 HIIII )
<ul> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> </ul>	
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²)
<ul><li>finely stranded with core end processing</li><li>finely stranded without core end processing</li></ul>	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²)
<ul><li>finely stranded with core end processing</li><li>finely stranded without core end processing</li><li>at AWG cables</li></ul>	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14)
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables</li> <li>tightening torque of the screws in the bracket</li> </ul>	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m
finely stranded with core end processing     finely stranded without core end processing     at AWG cables  tightening torque of the screws in the bracket  tightening torque for auxiliary contacts with screw-type terminals	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14)
finely stranded with core end processing     finely stranded without core end processing     at AWG cables  tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals  Safety related data	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
finely stranded with core end processing     finely stranded without core end processing     at AWG cables  tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m
finely stranded with core end processing     finely stranded without core end processing     at AWG cables     tightening torque of the screws in the bracket     tightening torque for auxiliary contacts with screw-type terminals     Safety related data     B10 value with high demand rate according to SN 31920     proportion of dangerous failures	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
finely stranded with core end processing     finely stranded without core end processing     at AWG cables  tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     with low demand rate according to SN 31920	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
finely stranded with core end processing     finely stranded without core end processing     at AWG cables  tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     with low demand rate according to SN 31920  with high demand rate according to SN 31920	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 250 000
finely stranded with core end processing     finely stranded without core end processing     at AWG cables  tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     with low demand rate according to SN 31920	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
finely stranded with core end processing     finely stranded without core end processing     at AWG cables  tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920 proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN	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 250 000
finely stranded with core end processing     finely stranded without core end processing     at AWG cables  tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     with low demand rate according to SN 31920  with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920	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 250 000
finely stranded with core end processing     finely stranded without core end processing     at AWG cables  tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920 proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions	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 250 000
finely stranded with core end processing     finely stranded without core end processing     at AWG cables  tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920 proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions ambient temperature	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  250 000  20 % 20 % 100 FIT
finely stranded with core end processing     finely stranded without core end processing     at AWG cables  tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     with low demand rate according to SN 31920  with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature     during operation	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 250 000 20 % 20 % 100 FIT
finely stranded with core end processing     finely stranded without core end processing     at AWG cables  tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     with low demand rate according to SN 31920  with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature     during operation     during storage environmental category during operation according to IEC	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  250 000  20 % 20 % 100 FIT  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
finely stranded with core end processing     finely stranded without core end processing     at AWG cables  tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920 proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions ambient temperature     during operation     during storage environmental category during operation according to IEC 60721	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  250 000  20 % 20 % 100 FIT  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
finely stranded with core end processing     finely stranded without core end processing     at AWG cables  tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920 proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions ambient temperature     during operation     during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions	2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m  250 000  20 % 20 % 100 FIT  -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)
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables</li> <li>tightening torque of the screws in the bracket</li> <li>tightening torque for auxiliary contacts with screw-type terminals</li> <li>Safety related data</li> <li>B10 value with high demand rate according to SN 31920</li> <li>proportion of dangerous failures         <ul> <li>with low demand rate according to SN 31920</li> <li>with high demand rate according to SN 31920</li> </ul> </li> <li>failure rate [FIT] with low demand rate according to SN 31920</li> <li>Ambient conditions</li> <li>ambient temperature         <ul> <li>during operation</li> <li>during storage</li> </ul> </li> <li>environmental category during operation according to IEC 60721</li> <li>Installation/ mounting/ dimensions</li> <li>fastening method         <ul> <li>of modules and accessories</li> </ul> </li> </ul>	2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m  250 000  20 % 20 % 100 FIT  -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)
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables</li> <li>tightening torque of the screws in the bracket</li> <li>tightening torque for auxiliary contacts with screw-type terminals</li> <li>Safety related data</li> <li>B10 value with high demand rate according to SN 31920</li> <li>proportion of dangerous failures         <ul> <li>with low demand rate according to SN 31920</li> <li>with high demand rate according to SN 31920</li> </ul> </li> <li>failure rate [FIT] with low demand rate according to SN 31920</li> <li>Ambient conditions</li> <li>ambient temperature         <ul> <li>during operation</li> <li>during storage</li> </ul> </li> <li>environmental category during operation according to IEC 60721</li> <li>Installation/ mounting/ dimensions</li> <li>fastening method         <ul> <li>of modules and accessories</li> </ul> </li> <li>height</li> </ul>	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  250 000  20 % 20 % 20 % 100 FIT  -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)  front plate mounting Front plate mounting Front plate mounting 40 mm
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables</li> <li>tightening torque of the screws in the bracket</li> <li>tightening torque for auxiliary contacts with screw-type terminals</li> <li>Safety related data</li> <li>B10 value with high demand rate according to SN 31920</li> <li>proportion of dangerous failures         <ul> <li>with low demand rate according to SN 31920</li> <li>with high demand rate according to SN 31920</li> </ul> </li> <li>failure rate [FIT] with low demand rate according to SN 31920</li> <li>Ambient conditions</li> <li>ambient temperature         <ul> <li>during operation</li> <li>during storage</li> <li>environmental category during operation according to IEC 60721</li> </ul> </li> <li>Installation/ mounting/ dimensions</li> <li>fastening method         <ul> <li>of modules and accessories</li> <li>height</li> <li>width</li> </ul> </li> </ul>	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  250 000  20 % 20 % 20 % 100 FIT  -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)  front plate mounting Front plate mounting Front plate mounting 40 mm 40 mm
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables</li> <li>tightening torque of the screws in the bracket</li> <li>tightening torque for auxiliary contacts with screw-type terminals</li> <li>Safety related data</li> <li>B10 value with high demand rate according to SN 31920</li> <li>proportion of dangerous failures         <ul> <li>with low demand rate according to SN 31920</li> <li>with high demand rate according to SN 31920</li> </ul> </li> <li>failure rate [FIT] with low demand rate according to SN 31920</li> <li>Ambient conditions</li> <li>ambient temperature         <ul> <li>during operation</li> <li>during storage</li> <li>environmental category during operation according to IEC 60721</li> </ul> </li> <li>Installation/ mounting/ dimensions</li> <li>fastening method         <ul> <li>of modules and accessories</li> <li>height</li> </ul> </li> </ul>	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  250 000  20 % 20 % 20 % 100 FIT  -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)  front plate mounting Front plate mounting Front plate mounting 40 mm

positive tolerance of installation diameter	0.4 mm
mounting height	75.6 mm
installation width	30.5 mm
installation depth	53.7 mm
Certificates/ approvals	

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

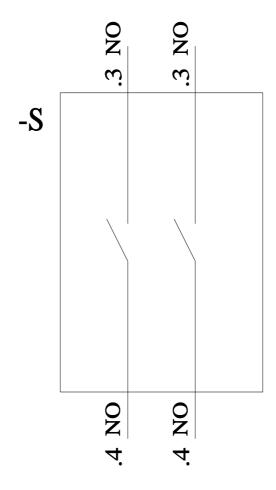
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