SIEMENS

Data sheet



Enclosure for command devices, 22 mm, round, Enclosure material plastic, Enclosure top part yellow, 1 control point plastic, Control point in center, A=EMERGENCY STOP palm pushbutton, red, Positive latching, pull-to-unlatch mechanism, 1 NC, 1 NO, screw terminal, Floor mounting

product type designation equipment of commanding and signaling device amanufacturer's article number of supplied contact module at the command point A 1 of supplied contact module at the command point A 2 surface and pull-to-unistation mechanism surface and supplied contact module at the command point A 2 surface and pull-to-unistation mechanism surface and supplied contact module at the command point A 2 surface and surface a	product brand name	SIRIUS ACT
equipmont of commanding and signaling device manufacturer's article number of supplied contact module at the command point A 1 of supplied contact module at the command point A 2 soft he supplied holder at the command point A 2 soft he supplied holder at the command point A 2 soft he supplied holder at the command point A 3 SSU1400-2AA10-1CA0 SSU1400-2AA10-1BA0 SSU140-2AA10-1BA0 SSU140-2AA10-1	product designation	Enclosures
manufacturer's article number of supplied contact module at the command point A 1 of supplied contact module at the command point A 2 of the supplied contact module at the command point A 2 of the supplied holder at the command point A 2 of the supplied holder at the command point A 3 SSU1500-QAA10-IBA0 Enclosure design of the housing Command point in center shape of the enclosure front Square material of the enclosure plastic number of command points 1 reflective collar No color of the enclosure to ppart yellow delivery state o as a kit No repressived on strip terminal No fastening method of the enclosure Pailm switch suitability for use EMERGENCY OFF switch Yes product feature lockout No product extension optional light source color of the actuating element red material of the actuating element plastic shape of the actuating element round number of contact modules type of unlocking device A pull-to-unlatch mechanism Front ring product component front ring Standard material of the front ring plastic black Holder material of the hotder Plastic	product type designation	3SU1
of supplied contact module at the command point A 1 of supplied contact module at the command point A 2 of the supplied holder at the command point A 2 of the supplied holder at the command point A 3SU1500-0AA10-0AA0 Enclosure design of the housing Command point in center shape of the enclosure front Square number of command points 1 product component EMERGENCY STOP device Yes protective collar No color of the enclosure top part delivery state	equipment of commanding and signaling device	
of supplied contact module at the command point A 2 of the supplied holder at the command point A 38U1500-DAA10-DAA0 Enclosure design of the housing shape of the enclosure front square material of the enclosure front embergial of the enclosure front embergial of the enclosure front embergial of the enclosure enumber of command points 1 product component embergial of the enclosure embergial of the enclosure top part delivery state eas a kit epre-wired on strip terminal epre-wired on strip terminal epre-wired on strip terminal establishing of the actuating element suitability for use EMERGENCY OFF switch yes product feature lockout No color of the actuating element red material of the actuating element round number of contact modules 2 type of unlocking device A = pull-to-unlatch mechanism Front ring product component front ring design of the front ring standard material of the front ring plastic color of the front ring material of the holder Plastic	manufacturer's article number	
e of the supplied holder at the command point A Enclosure design of the housing	 of supplied contact module at the command point A 1 	3SU1400-2AA10-1CA0
design of the housing Command point in center shape of the enclosure front Square material of the enclosure plastic number of command points 1 product component • EMERGENCY STOP device Yes • protective collar No color of the enclosure top part yellow delivery state • as a kit No • pre-wired on strip terminal No fastening method of the enclosure Vertical Actuator design of the actuating element Palum switch suitability for use EMERGENCY OFF switch Yes product feature lockout No product extension optional light source No color of the actuating element red material of the actuating element plastic shape of the actuating element round number of contact modules 2 type of unlocking device A = pull-to-unlatch mechanism Front ring product component front ring plastic color of the front ring plastic material of the front ring plastic color of the front ring plastic color of the front ring plastic color of the front ring plastic material of the front ring plastic color of the front ring plastic material of the front ring plastic color of the front ring plastic material of the holder Plastic	 of supplied contact module at the command point A 2 	3SU1400-2AA10-1BA0
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shape of the enclosure front material of the enclosure number of command points product component • EMERGENCY STOP device • protective collar color of the enclosure top part delivery state • as a kit • pre-wired on strip terminal fastening method of the enclosure Actuator design of the actuating element suitability for use EMERGENCY OFF switch product extension optional light source color of the actuating element material of the actuating element plastic shape of the actuating element number of contact modules 2 type of unlocking device A = pull-to-unlatch mechanism Front ring product component front ring design of the front ring material of the front ring plastic shape of the front ring plastic standard material of the front ring plastic color of the front ring material of the holder Plastic	Enclosure	
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number of command points product component • EMERGENCY STOP device Yes • protective collar No color of the enclosure top part yellow delivery state • as a kit No • pre-wired on strip terminal No fastening method of the enclosure Vertical Actuator design of the actuating element Palm switch suitability for use EMERGENCY OFF switch Yes product feature lockout No color of the actuating element plastic material of the actuating element plastic shape of the actuating element round number of contact modules type of unlocking device A = pull-to-unlatch mechanism Front ring product component front ring Standard material of the front ring plastic color of the front ring plastic	shape of the enclosure front	Square
product component EMERGENCY STOP device protective collar No color of the enclosure top part delivery state as a kit No pre-wired on strip terminal Actuator design of the actuating element product feature lockout product extension optional light source color of the actuating element material of the actuating element plastic actuating element plastic color of the front ring product component front ring material of the front ring black Holder material of the front ring black Holder material of the holder Plastic	material of the enclosure	plastic
EMERGENCY STOP device protective collar No color of the enclosure top part delivery state as a kit No pre-wired on strip terminal No fastening method of the enclosure design of the actuating element suitability for use EMERGENCY OFF switch product feature lockout No color of the actuating element shape of the actuating element shape of the actuating element round number of contact modules type of unlocking device Front ring product component front ring design of the front ring color of the front ring plastic shape of the front ring material of the front ring plastic	number of command points	1
	product component	
color of the enclosure top part delivery state as a kit no pre-wired on strip terminal No fastening method of the enclosure Actuator design of the actuating element product feature lockout product extension optional light source naterial 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 plastic shape of the actuating element shape o	 EMERGENCY STOP device 	Yes
delivery state	protective collar	No
as a kit pre-wired on strip terminal Rotuator design of the actuating element suitability for use EMERGENCY OFF switch product feature lockout product extension optional light source color of the actuating element material of the actuating element plastic shape of the actuating element number of contact modules product component front ring material of the front ring plastic standard material of the front ring plastic color of the front ring plastic product component front ring plastic	color of the enclosure top part	yellow
Pre-wired on strip terminal Actuator design of the actuating element Suitability for use EMERGENCY OFF switch product feature lockout product extension optional light source color of the actuating element shape of the actuating element number of contact modules type of unlocking device Front ring product component front ring design of the front ring color of the front ring black Holder material of the holder Plastic	delivery state	
fastening method of the enclosure Actuator design of the actuating element Palm switch suitability for use EMERGENCY OFF switch Yes product feature lockout No product extension optional light source No color of the actuating element red material of the actuating element plastic shape of the actuating element round number of contact modules 2 type of unlocking device A = pull-to-unlatch mechanism Front ring product component front ring Standard material of the front ring plastic color of the front ring black Holder material of the holder Plastic	• as a kit	No
Actuator design of the actuating element Palm switch Suitability for use EMERGENCY OFF switch Yes	pre-wired on strip terminal	No
design of the actuating element suitability for use EMERGENCY OFF switch product feature lockout product extension optional light source color of the actuating element material of the actuating element plastic shape of the actuating element number of contact modules type of unlocking device Front ring product component front ring design of the front ring material of the front ring plastic Standard material of the front ring black Holder material of the holder Plastic	fastening method of the enclosure	Vertical
suitability for use EMERGENCY OFF switch product feature lockout product extension optional light source color of the actuating element material of the actuating element shape of the actuating element number of contact modules 2 type of unlocking device Front ring product component front ring design of the front ring material of the front ring plastic Standard material of the front ring black Holder material of the holder Plastic	Actuator	
product feature lockout product extension optional light source No color of the actuating element material of the actuating element plastic shape of the actuating element number of contact modules type of unlocking device Front ring 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 No	design of the actuating element	Palm switch
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 Front ring product component front ring design of the front ring material of the front ring color of the front ring Holder material of the holder No No Plastic	suitability for use EMERGENCY OFF switch	Yes
color of the actuating element material of the actuating element shape of the actuating element number of contact modules type of unlocking device Front ring product component front ring design of the front ring material of the front ring black Holder material of the holder red plastic	product feature lockout	No
material of the actuating element shape of the actuating element round number of contact modules 2 type of unlocking device A = pull-to-unlatch mechanism Front ring product component front ring No design of the front ring Standard material of the front ring black Holder material of the holder Plastic	product extension optional light source	No
shape of the actuating element number of contact modules 2 type of unlocking device A = pull-to-unlatch mechanism Front ring product component front ring design of the front ring material of the front ring black Holder material of the holder Plastic	color of the actuating element	red
number of contact modules type of unlocking device A = pull-to-unlatch mechanism Front ring product component front ring design of the front ring material of the front ring color of the front ring holder material of the holder Plastic	material of the actuating element	plastic
type of unlocking device Front ring product component front ring No design of the front ring Standard material of the front ring plastic color of the front ring black Holder material of the holder Plastic	shape of the actuating element	round
Front ring product component front ring No design of the front ring Standard material of the front ring plastic color of the front ring black Holder material of the holder Plastic	number of contact modules	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	type of unlocking device	A = pull-to-unlatch mechanism
design of the front ring material of the front ring color of the front ring black Holder material of the holder Plastic	Front ring	
material of the front ring plastic color of the front ring black Holder material of the holder Plastic	product component front ring	No
color of the front ring black Holder material of the holder Plastic	design of the front ring	Standard
Holder material of the holder Plastic	material of the front ring	plastic
material of the holder Plastic	color of the front ring	black
	Holder	
Display	material of the holder	Plastic
	Display	

number of LED modules	0
General technical data	
product function	
positive opening	Yes
EMERGENCY OFF function	Yes
EMERGENCY STOP function	Yes
protection class IP	IP66, IP67, IP69(IP69K)
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12K, 13
shock resistance	1, 2, 0, 011, 7, 77, 1211, 10
according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
•	Category 1, Class B
for railway applications according to EN 61373 vibration resistance	Category 1, Class B
	10 F00 Have Fo
• according to IEC 60068-2-6	10 500 Hz: 5g
• for railway applications according to EN 61373	Category 1, Class B
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	396 g
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
Communication/ Protocol	
design of the interface for communication	without
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	1
nambor of ito contacts for auxiliary colliacts	
number of NO contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts Connections/ Terminals	1
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories	1 Screw-type terminal
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure	1 Screw-type terminal Cable routing above and below, both 1 x M20
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes Yes
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN 31920	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes Yes 20 % 20 %
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN 31920 B10 value with high demand rate according to SN 31920	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes Yes 100 000
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN 31920	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes Yes 20 % 20 %
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate per NC contact	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes Yes 100 000
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate per NC contact according to SN 31920	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes Yes 100 000
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate per NC contact according to SN 31920 ISO 13849	1 Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes Yes 100 000 100 FIT
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate per NC contact according to SN 31920 ISO 13849 device type according to ISO 13849-1 IEC 61508	1 Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes 20 % 20 % 100 000 100 FIT
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate per NC contact according to SN 31920 ISO 13849 device type according to ISO 13849-1	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes Yes 20 % 20 % 100 000 100 FIT
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate per NC contact according to SN 31920 ISO 13849 device type according to ISO 13849-1 IEC 61508 T1 value for proof test interval or service life according to IEC	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes Yes 20 % 20 % 100 000 100 FIT
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate per NC contact according to SN 31920 ISO 13849 device type according to ISO 13849-1 IEC 61508 T1 value for proof test interval or service life according to IEC 61508	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes Yes 20 % 20 % 100 000 100 FIT
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate per NC contact according to SN 31920 ISO 13849 device type according to ISO 13849-1 IEC 61508 T1 value for proof test interval or service life according to IEC 61508 Ambient conditions	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes Yes 20 % 20 % 100 000 100 FIT
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate per NC contact according to SN 31920 ISO 13849 device type according to ISO 13849-1 IEC 61508 T1 value for proof test interval or service life according to IEC 61508 Ambient conditions ambient temperature • during operation	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes 20 % 20 % 100 000 100 FIT
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate per NC contact according to SN 31920 ISO 13849 device type according to ISO 13849-1 IEC 61508 T1 value for proof test interval or service life according to IEC 61508 Ambient conditions ambient temperature • during operation • during storage	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes 20 % 20 % 100 000 100 FIT 3 20 a
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate per NC contact according to SN 31920 ISO 13849 device type according to ISO 13849-1 IEC 61508 T1 value for proof test interval or service life according to IEC 61508 Ambient conditions ambient temperature • during operation	Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes Yes 20 % 20 % 100 000 100 FIT 3 20 a
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate per NC contact according to SN 31920 ISO 13849 device type according to ISO 13849-1 IEC 61508 T1 value for proof test interval or service life according to IEC 61508 Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC	1 Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes 20 % 20 % 20 % 100 000 100 FIT 3 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 electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Safety related data product function suitable for safety function test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate per NC contact according to SN 31920 ISO 13849 device type according to ISO 13849-1 IEC 61508 T1 value for proof test interval or service life according to IEC 61508 Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721	1 Screw-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m Yes Yes 20 % 20 % 20 % 100 000 100 FIT 3 20 a -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
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global warming potential [CO2 eq] during manufacturing	0.566 kg	
global warming potential [CO2 eq] during operation	0.235 kg	
global warming potential [CO2 eq] after end of life	-0.015 kg	
Installation/ mounting/ dimensions		
fastening method of modules and accessories	Floor mounting	
height	85 mm	
width	85 mm	
depth	119 mm	
shape of the installation opening	round	
Accessories		
number of labels	1	
marking of the name plate for command devices	A = I	
color of the label	A = black	
number of inscription plates	0	
Approvals Certificates		



General Product Approval









Type Test Certificates/Test Report

Test Certificates

Maritime application

other

Environment









Confirmation



Environment



Environmental Confirmations

Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information for data generation and storage

https://support.industry.siemens.com/cs/ww/en/view/109995012

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=3SU1801-2NG00-2AA2

Cax online generator

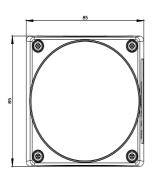
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-2NG00-2AA2

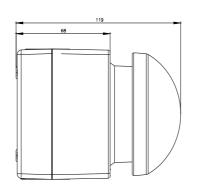
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

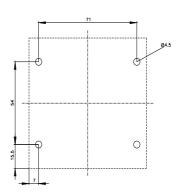
https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-2NG00-2AA2

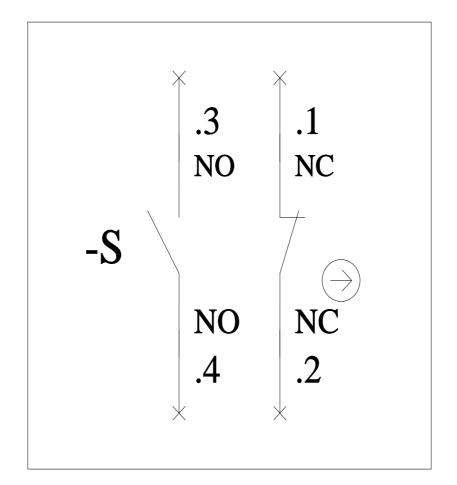
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1801-2NG00-2AA2\&lang=en}}$









last modified: 7/10/2025 🖸

