## **SIEMENS**

## **Data sheet**

product brand name



Enclosure for command devices, 22 mm, round, Enclosure material metal, Enclosure top part yellow, with protective collar, 1 control point metal, A=EMERGENCY STOP mushroom pushbutton red, 40 mm, rotate-to-unlatch, 1 NC, 1 NC, screw terminal, floor mounting, 1xM20 each on top and bottom

production and an arrangement of the production and arrangement of the production arrangement of the	
product designation	Enclosures
product type designation	3SU1
manufacturer's article number	
<ul> <li>of supplied contact module</li> </ul>	A1 = 3SU1400-2AA10-1CA0, A2 = 3SU1400-2AA10-1CA0
<ul> <li>of supplied contact module at the command point A</li> </ul>	3SU1400-2AA10-1CA0
<ul> <li>of supplied contact module at the command point A</li> </ul>	3SU1400-2AA10-1CA0
<ul> <li>of the supplied holder</li> </ul>	A = 3SU1550-0AA10-0AA0
<ul> <li>of the supplied holder at the command point A</li> </ul>	3SU1550-0AA10-0AA0
<ul> <li>of the supplied actuator</li> </ul>	A = 3SU1050-1HB20-0AA0
<ul> <li>of the supplied actuator at the command point A</li> </ul>	3SU1050-1HB20-0AA0
<ul> <li>of supplied empty enclosure</li> </ul>	3SU1851-0AA00-0AC2
Enclosure	
design of the housing	with protective collar
shape of the enclosure front	Square
material of the enclosure	metal
number of command points	1
product component	
<ul> <li>EMERGENCY STOP device</li> </ul>	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	Emergency stop mushroom pushbutton
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 = rotate-to-unlatch mechanism
Front ring	

SIRIUS ACT

Standard   Holder   Holder   Metal	product component front ring	No
material of the holder Display number of LED modules 0 General technical data product function		
material of the holder  Display  unmber of LED modules  0  General technical data  product function  - positive opening - EMERGENCY OFF function - positive opening - EMERGENCY STOP function - positive opening - EMERGENCY STOP function - Positive opening - EMERGENCY STOP function - Positive opening - Protection class IP - degree of protection NEMA rating - shock resistance - acc. to IEC 60088-2-27  wibration resistance - acc. to IEC 60088-2-6 - reference code acc. to IEC 81346-2  continuous current of the Quick DIAZED fuse link continuous current of the Plaze Diase link gG  substance Prohibitance (Date) - at 50 Hz rated value - at 50 Hz		Otanidard
Display number of LED modules  O Ceneral technical data product function  • positive opening • EMERGENCY OFF function • positive opening • EMERGENCY OFF function • positive opening • EMERGENCY OFF function • positive opening • EMERGENCY OFF function • positive opening • EMERGENCY OFF function • protection class IP  IP66, IP67, IP69(IP69K)  degree of protection NEMA rating • acc. to IEC 60088-2-27  vibration resistance • acc. to IEC 60088-2-6  reference code acc. to IEC 81346-2  continuous current of the Quick DIAZED fuse link c		Matal
number of LED modules  Censral technical data  product function  • positive opening  • EMERCENCY OFF function  • EMERCENCY STOP function  • EMERCENCY STOP function  • EMERCENCY STOP function  • acc to IEC 60068-2-27  vibration resistance  • acc to IEC 60068-2-27  vibration resistance  • acc to IEC 60068-2-27  vibration resistance  • acc to IEC 60068-2-8  • acc to IEC 60068-2-8  reference code acc to IEC 81346-2  S continuous current of the Q characteristic MCB  continuous current of the DIAZED fuse link gG  at AC  — at 50 Hz rated value  • at AC  — at 50 Hz rated value  • at Oz rated va		Metal
Ceneral tochnical data product function		
product function  • positive opening  • EMERGENCY OFF function  • EMERGENCY STOP function  • EMERGENCY STOP function  • EMERGENCY STOP function  • Pres  • acc lo 16.6 8008-2.27  vibration resistance  • acc lo 16.6 8008-2.28  reference code acc. to IEC 81348-2  sountinuous current of the Quick DIAZED fuse link Continuous current of the Quick DIAZED fuse link Go  continuous current of the DIAZED fuse link GO  3. Substance Prohibitance (Jale)  operating voltage  • at AC  — at 50 Hz rated value — at 60 Hz rated value — at 60 Hz rated value  • at DC rated value  • at DC rated value  • at C rated value  • at		0
Positive opening EMERGENCY STOP function EMERGENCY STOP function Yes Protection class IP Protection conduction of modules and accessories Protection conduction class IP Protection conductions Protection Protecti	General technical data	
EMERGENCY OFF function     EMERGENCY STOP function     protection class IP     degree of protection NEMA rating     shock resistance     * acc. to IEC 80088-2-27     vibration resistance     * acc. to IEC 80088-2-27     vibration resistance     * acc. to IEC 80088-2-6     * acc. to IEC 81346-2     scontinuous current of the Characteristic MCB     continuous current of the Quick DIAZED fuse link     continuous current of the DIAZED fuse link go     other continuous current of the DIAZED fuse link go     other continuous current of the DIAZED fuse link go     other continuous governed go	•	
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protection class IP   IP66, IP67, IP69(IP69K)   degree of protection NEMA rating   1, 2, 3, 3R, 4, 4X, 12, 13   shock resistance   • acc. to IEC 60068-2-27   sinusoidal half-wave 50g / 11 ms   vibration resistance   • acc. to IEC 60068-2-6   10 500 Hz: 5g   reference code acc. to IEC 61346-2   S   Continuous current of the Characteristic MCB   10 A; for a short-circuit current smaller than 400 A   continuous current of the DIAZED fuse link   10 A   continuous current of the DIAZED fuse link   20 A   continuous current current smaller than 400 A   continuous current smaller than 400 A   continuous current smaller than 400 A   conti	<ul> <li>EMERGENCY OFF function</li> </ul>	Yes
degree of protection NEMA rating shock resistance a acc. to IEC 60068-2-27 vibration resistance a acc. to IEC 60068-2-6 reference code acc. to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the Quick DIAZED fuse link continuous current of the Quick DIAZED fuse link continuous current of the Quick DIAZED fuse link continuous current of the DIAZED fuse link gG Substance Prohibitance (Date) 01.10.2014 00.00.00  Operating voltage at AC at 50 Hz rated value at 60 Hz rated value at 60 Hz rated value at 10 C rated value building orieuit design of the interface for communication Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts type of electrical connection of modules and accessories type of electrical connection of encodius and accessories tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque of fixing screws in the enclosure cover tightening torque of fixing screws in the enclosure cover tightening torque of the screws in the bracket tightening torque of the screws in the bracket tightening torque of the screws in the bracket tightening torque of the screws in the enclosure cover during storage environmental category during operation acc. to IEC 60721 Signal during storage environmental category during operation acc. to IEC 60725 Signal during storage environmental category during operation and the screws in the screws in the screws in the screws in the screws	EMERGENCY STOP function	Yes
shock resistance	protection class IP	IP66, IP67, IP69(IP69K)
* acc. to IEC 60068-2-27  vibration resistance  * acc. to IEC 80068-2-6  reference code acc. to IEC 81346-2  scontinuous current of the C characteristic MCB  continuous current of the C characteristic MCB  continuous current of the DIAZED fuse link gG  Substance Prohibitance (Date)  operating voltage  * at AC  — at 50 Hz rated value — at 60 Hz rated value — at 60 Hz rated value * at DC rated value  * at DC rated value  * at DC rated value  * communication/ Protocol  design of the interface for communication  Auxiliary circuit  dosign of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1/2 per of electrical connection of modules and accessories  type of electrical connection on enclosure tightening torque of this grew-type terminals  Anbient conditions  ambient temperature  * during operation * during storage  * during storage  * at Capacitary direction of modules and accessories  height * during operation * during storage  * at many direction of modules and accessories  Floor mounting/ dimensions  fastening method of modules and accessories  Floor mounting  * Accessories  number of Inceription plates  O  correctificates/ approvals  sinusoidal half-wave 50g / 11 ms  10 500 NT corrections  10 60 or a short-circuit current smaller than 400 A  10 60 or a short-circuit current smaller than 400 A  10 60 or a short-circuit current smaller than 400 A  10 60 or a short-circuit current smaller than 400 A  10 60 or a short-circuit current smaller than 400 A  10 60 or a short-circuit current smaller than 400 A  10 60 or a short-circuit current smaller than 400 A  10 60 or a short-circuit current smaller than 400 A  10 60 or a short-circuit current smaller than 400 A  10 60 or a short-circuit current smaller than 400 A  10 60 or a short-circuit current smaller than 400 A  10 60 or a short-circuit current smaller than 400 A  10 60 or a short-circuit current smaller than 400 A  10 60 or a short-circuit current smaller than 400 A  10	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
vibration resistance  * acc. to IEC 80068-2-6  reference code acc. to IEC 81346-2  continuous current of the C characteristic MCB  continuous current of the Quick DIAZED fuse link continuous current of the DIAZED fuse link gG  continuous current of the DIAZED fuse link gG  Substance Prohibitance (Date)  operating voltage  * at AC  — at 50 Hz rated value — at 60 Hz rated value  * at DC rated value  * at DC rated value  * at DC rated value  * at Cr value	shock resistance	
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Substance Prohibitance (Date)  operating voltage  • at AC  — at 50 Hz rated value  • at DC rated value  Communication/ Protocol  design of the interface for communication  Auxiliary circuit  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  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 off this rew-type terminals  Ambient conditions  ambient temperature  • during operation  • during operation  • during operation  • during operation  fastening method of modules and accessories  height  width  ### ACC	continuous current of the quick DIAZED fuse link	10 A
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at AC  at 50 Hz rated value  at DC rated value  at DC rated value  at DC rated value  5 500 V  communication/ Protocol  design of the interface for communication  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts  1 connections/ Terminals  1 type of electrical connection of modules and accessories 1 type of electrical connection of modules and accessories 1 type of electrical connection of modules and accessories 1 type of electrical connection of modules and accessories 1 type of electrical connection of modules and accessories 1 type of electrical connection of modules and accessories 1 type of electrical connection of modules and accessories 1 type of electrical connection of modules and accessories 1 type of electrical connection of modules and accessories 1 type of electrical connection of modules and accessories 2 can be routing above and below, both 1 x M20 2 can be routing above and below, both 1 x M20 3 can 1 1.2 N·m  1 can 1.7 N·m  2 can 1 1.7 N·m  2 can 1 1.7 N·m  3 can 1 1.7 N·m  4 can 1 1.2 N·m  5 can 1 1.7 N·m  6 during operation 2 can 1 1.7 N·m  6 during operation 2 can 1 1.7 N·m  6 during operation 9 can 1 1 1.7 N·m  7 can 1 1.7 N·m  8 can 1 1.7 N·m  9 can 1 1.7 N·m  1 can 1 1.7 N·	Substance Prohibitance (Date)	01.10.2014 00:00:00
- at 50 Hz rated value - at 60 Hz rated value 5 500 V  • at DC rated value • to Trated value  • to Trated value  • to Trated value  • to Trated value  • to Trated value  • to Trated value  • to Trated value  • to Trated value  • to Trated value  • to Trated value  • to Trated value  • to Trated value  • to Trated value  • to Trated value  • to Trated value  • to Trated value  • to Trated value  • to Trated value • to Trated value  • to Trated value • to	operating voltage	
- at 60 Hz rated value 5 500 V  • at DC rated value 5 500 V  Communication/ Protocol  design of the interface for communication without  Auxillary circuit  design of the contact of auxillary contacts number of NC contacts for auxillary contacts 2 number of NC contacts for auxillary contacts 0  Connections/ Terminals  type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket 1 1.2 N·m 1 1.2 N·m 1 1.7 N·m 1 1.7 N·m 1 1.2 N·m 1 1 1.2 N·m 1 1.	• at AC	
o at DC rated value     Communication/ Protocol design of the interface for communication  Auxillary circuit  design of the contact of auxillary contacts number of NC contacts for auxillary contacts 2 number of NO contacts for auxillary contacts 0  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  Ambient conditions  ambient temperature     o during operation     o during storage environmental category during operation acc. to IEC 60721  Installation/ mounting/ dimensions fastening method of modules and accessories fastening method of modules and accessories number of labels number of inscription plates  Certificates/ approvals	— at 50 Hz rated value	5 500 V
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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  Ambient conditions  ambient temperature  • during operation • during storage  environmental category during operation acc. to IEC 60721  Installation/ mounting/ dimensions fastening method of modules and accessories height width depth shape of the installation opening  Accessories number of labels number of labels number of inscription plates  Cable routing above and below, both 1 x M20  Label Fouring above and bel		
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tightening torque of fixing screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals  Ambient conditions  ambient temperature • during operation • during storage environmental category during operation acc. to IEC 60721  Installation/ mounting/ dimensions fastening method of modules and accessories height width depth shape of the installation opening Accessories number of labels number of labels  Certificates/ approvals		
tightening torque with screw-type terminals  Ambient conditions  ambient temperature  • during operation • during storage  environmental category during operation acc. to IEC 60721  Installation/ mounting/ dimensions fastening method of modules and accessories height width depth shape of the installation opening  Accessories number of labels number of labels number of inscription plates  1.5 1.7 N·m  0.8 0.9 N·m  1.5 1.7 N·m  0.8 0.9 N·m  1.5 1.7 N·m  1.5	- 71	-
tightening torque with screw-type terminals  Ambient conditions  ambient temperature  • during operation • during storage  environmental category during operation acc. to IEC 60721  Installation/ mounting/ dimensions fastening method of modules and accessories height width depth shape of the installation opening  Accessories number of labels number of inscription plates  0.8 0.9 N·m  -25 +70 °C -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %, n condensation in operation permitted for all devices behind front panella fastening method of modules and accessories Floor mounting 89.4 mm width 485 mm 49.4 mm 40epth 112.5 mm 50 mumber of labels 0 0 0 Certificates/ approvals		
tightening torque with screw-type terminals  Ambient conditions  ambient temperature  • during operation • during storage  environmental category during operation acc. to IEC 60721  Installation/ mounting/ dimensions  fastening method of modules and accessories  height  width  depth  shape of the installation opening  Accessories  number of labels  number of inscription plates  0.8 0.9 N·m  -25 +70 °C  -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %, n condensation in operation permitted for all devices behind front panella from the pa		1.5 1.7 N·M
Ambient conditions  ambient temperature  • during operation  • during storage  environmental category during operation acc. to IEC 60721  Installation/ mounting/ dimensions  fastening method of modules and accessories  height  width 85 mm  depth 112.5 mm  shape of the installation opening  Accessories  number of labels  number of inscription plates  -25 +70 °C -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %, n condensation in operation permitted for all devices behind front pandonness of the installation opening  -25 +70 °C -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %, n condensation in operation permitted for all devices behind front pandonness of the installation opening and in operation permitted for all devices behind front pandonness of the installation opening and in operation operation permitted for all devices behind front pandonness of the installation opening and in operation operat		0.8 0.9 N·m
ambient temperature  ● during operation  ● during storage  environmental category during operation acc. to IEC 60721  Installation/ mounting/ dimensions  fastening method of modules and accessories  height  width  depth  shape of the installation opening  Accessories  number of labels  number of inscription plates  -25 +70 °C  -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %, n condensation in operation permitted for all devices behind front pandonness fastening method of modules and accessories  Floor mounting  89.4 mm  85 mm  112.5 mm  round  Accessories  number of labels  0  0  Certificates/ approvals	<u> </u>	
<ul> <li>during operation</li> <li>during storage</li> <li>environmental category during operation acc. to IEC</li> <li>60721</li> <li>3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %, n condensation in operation permitted for all devices behind front pandate in the permitted for</li></ul>		
<ul> <li>during storage</li> <li>environmental category during operation acc. to IEC 60721</li> <li>Installation/ mounting/ dimensions</li> <li>fastening method of modules and accessories</li> <li>height</li> <li>width</li> <li>depth</li> <li>shape of the installation opening</li> <li>Accessories</li> <li>number of labels</li> <li>number of inscription plates</li> <li>O</li> <li>Certificates/ approvals</li> </ul>		-25 +70 °C
environmental category during operation acc. to IEC 60721 SM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %, n condensation in operation permitted for all devices behind front pandates and accessories Floor mounting Ploor mountin		
Installation/ mounting/ dimensions fastening method of modules and accessories  height 89.4 mm width 85 mm depth 112.5 mm shape of the installation opening  Accessories number of labels number of inscription plates  Certificates/ approvals	environmental category during operation acc. to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %, no
fastening method of modules and accessories  height  89.4 mm  width  85 mm  depth  112.5 mm  shape of the installation opening  Accessories  number of labels  number of inscription plates  0  Certificates/ approvals		
height 89.4 mm  width 85 mm  depth 112.5 mm  shape of the installation opening round  Accessories  number of labels 0  number of inscription plates 0  Certificates/ approvals	-	Floor mounting
width 85 mm depth 112.5 mm shape of the installation opening round  Accessories number of labels 0 number of inscription plates 0  Certificates/ approvals		
depth 112.5 mm shape of the installation opening round  Accessories number of labels 0 number of inscription plates 0  Certificates/ approvals		
shape of the installation opening round  Accessories  number of labels 0  number of inscription plates 0  Certificates/ approvals		
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number of labels 0 number of inscription plates 0 Certificates/ approvals		
number of inscription plates 0  Certificates/ approvals		n
Certificates/ approvals		
General Product Approval  Declaration of		
	General Product Approval	Declaration of













Declaration of Conformity

**Test Certificates** 

Marine / Shipping

UK Declaration of Conformity Type Test Certificates/Test Report

Special Test Certificate







Marine / Shipping

other





Confirmation

## Further information

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=3SU1851-0NB00-2AC2

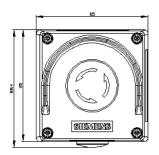
Cax online generator

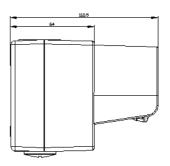
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1851-0NB00-2AC2

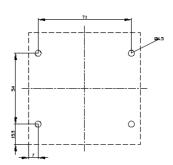
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

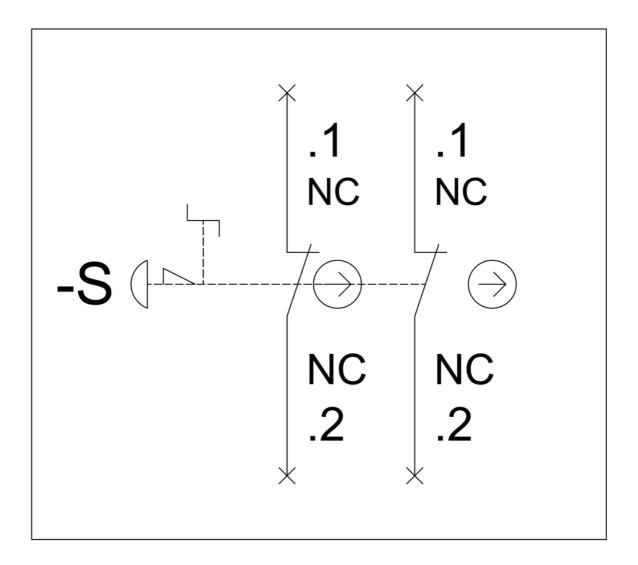
https://support.industry.siemens.com/cs/ww/en/ps/3SU1851-0NB00-2AC2

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax">http://www.automation.siemens.com/bilddb/cax</a> de.aspx?mlfb=3SU1851-0NB00-2AC2&lang=en









last modified: 8/3/2021 🖸