## **SIEMENS**

## **Data sheet**



Pushbutton, 22 mm, round, plastic, black, pushbutton, flat, momentary contact type, with holder 1 NC, screw terminal, with laser labeling, symbol number according to, ISO 7000 or IEC 60417

·	SIRIUS ACT
product designation P	Pushbuttons
design of the product C	Complete unit
product type designation 3	SU1
product line P	Plastic, black, 22 mm
manufacturer's article number	
• of supplied contact module at position 1	SU1400-1AA10-1CA0
• of the supplied holder 3	<u>SU1550-0AA10-0AA0</u>
• of the supplied actuator 3	SU1000-0AB10-0AA0
number of command points 1	
Actuator	
design of the actuating element B	Button, flat
principle of operation of the actuating element	nomentary contact type
product extension optional light source N	lo
color of the actuating element bl	lack
material of the actuating element p	lastic
shape of the actuating element ro	ound
outer diameter of the actuating element 29	9.45 mm
marking of the actuating element C	Customized labeling, graphical symbols acc. to ISO7000 and IEC60417
number of contact modules 1	
Front ring	
product component front ring Y	'es
design of the front ring	standard
material of the front ring p	lastic
color of the front ring b	lack
Holder	
material of the holder	Plastic
Display	
number of LED modules 0	
General technical data	
product function positive opening Y	res es
product component light source N	lo
insulation voltage rated value 5	00 V
degree of pollution 3	
type of voltage of the operating voltage A	.C/DC
surge voltage resistance rated value 6	kV
protection class IP	P66, IP67, IP69(IP69K)
• of the terminal IF	20
degree of protection NEMA rating	, 2, 3, 3R, 4, 4X, 12, 13

shock resistance  according to IEC 80086-2.27  for railway applications according to EN 81373  category 1, Class B  category 2, Class Class 2, Class 2		
* for railway applications according to EN 61373  Whatton resistance  * according to ISE 05088-2.6  * for railway applications according to EN 61373  peraling frequency maximum  mechanical service life (awtiching cycles) typical  lectrical endurance (awtiching cycles) typical  fleeting and an according to ISE 81346-2  continuous current of the G characteristic MOB  continuous current of the OLAZED fuse link gG  substance Prohibitance (Datz)  operating voltage  * at AC  — at 50 Hz rated value  — at 80 Hz rated value  5 500 V  Auxiliary circuit  design of the contact of auxiliary contacts  1 unmber of No contacts for auxiliary contacts  1 unmber of No contacts for auxiliary contacts  1 unmber of No contacts for auxiliary contacts  2 value  4 va		
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• for railway applications according to EN 61373   Category 1, Class B		
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mechanical service life (switching cycles) pipical electrical endurance (switching cycles) typical thermal current reference code according to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the Quick DIAZED fuse link gG continuous current of the Quick DIAZED fuse link gG continuous current of the Quick DIAZED fuse link gG substance Prohibitance (Date) operating voltage  - at 80 Hz rated value - at 60 Hz rated value - at 6	for railway applications according to EN 61373	Category 1, Class B
electrical endurance (switching cycles) typical thermal current thermal current thermal current treference code according to IEC 81348-2 continuous current of the guice IMAZED fuse link continuous current of the pulse at AC  — at 50 Hz rated value — at 60 Hz rated value — at 60 Hz rated value — at 60 Hz rated value — so 00 V  extra contact reliability  — contact reliability  — Contact reliability  — Contact for auxiliary contacts  design of the contact of auxiliary contacts  Inumber of NC contacts for auxiliary contacts  Inumber of NC contacts for auxiliary contacts  Inumber of NC contacts for auxiliary contacts  Onnections (Terminals)  Type of electrical connection  • of modules and accessories • solid with core end processing • solid without core end processing • finely stranded without core end processing • finely stranded without core end processing • at AVG cables  Ightening torque of the screw-type terminals  Tightening torque of the screw-type terminals  Auxiliary carbon  Intermal treminals  Intermal treminals  Intermal treminals  Intermal treminals  2x (0.5 0.75 mm²)  2x (1.0 1,5 mm²)  3x (1.0 1,5 mm²)  4x (1.0 1,5 mm²)  5x (1.0 1,5 mm²)  6x (1.0 1,5 mm²)  6x (1.0 1,5 mm²)  6x (1.0 1,5 mm²)  7x (1.0 1,5 m	operating frequency maximum	3 600 1/h
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reference code according to IEC 81346-2 continuous current of the Quick DIAZED fuse link continuous current of the Quick DIAZED fuse link continuous current of the DIAZED fuse link G Substance Prohibitiance (Date)  operating voltage  • at AC  — at 50 Hz rated value — at 60 Hz rated value — so for the contact of auxiliary contacts contact reliability  Cone 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 number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 connections/ Terminals  Type of electrical connection • of modules and accessories • sold without core end processing • sold without core end processing • sold without core end processing • finely stranded with core end processing • finely stranded with core end processing • at AWG cables • at AWG cables  are diving operation • during storage  environmental category during operation according to IEC  during operation • during storage  environmental category during operation according to IEC  during operation • of modules and accessories  Front plate mounting  front plate mounting  front plate mounting  front plate mounting  mounting diameter  of mounting beight  installation depth  40 mm  mounting beight  installation depth  certificates/ approvals  Firent plate mounting  front plate mounting  mounting beight  installation depth  40 mm  mounting beight  installation and Downloadcenter (Catalogs, Brochures,)  thttps://www.skienes.co.nicl.10	electrical endurance (switching cycles) typical	10 000 000
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continuous current of the Quick DIAZED fuse link Q	reference code according to IEC 81346-2	S
Continuous current of the DIAZED fuse link gG   10 A	continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
Substance Prohibitance (Date) operating voltage • at AC	continuous current of the quick DIAZED fuse link	10 A
operating voltage	continuous current of the DIAZED fuse link gG	10 A
• at AC  — at 50 Hz rated value — at 60 Hz rated value 5 500 V  • at DC rated value • at DC rated value • at DC rated value  • at DC rated value  • at DC rated value  • at DC rated value  • at DC rated value  • at DC rated value  • at DC rated value  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 1 number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 occupance of NO contacts for auxiliary contacts 1 occupance of NO contacts for auxiliary contacts 2 connections/ Terminals  type of electrical connection • of modules and accessories  • solid with core end processing • solid with core end processing • solid with core end processing • finely stranded with core end processing • at AWG cables • during forque with screw-type terminals  Ambient conditions  ambient temperature • during operation • of modules and accessories  front plate mounting  front plate mounting  front plate mounting height  40 mm  width  shape of the installation opening  round mounting diameter  22.3 mm  positive tolerance of installation diameter  mounting height  11 mm  installation width  22.5 mm  installation width  12.5 mm  installation width  13.5 mm  installation depth  49.7 mm  Certificates Agaptovals  Further Information  Information- and Downloadcenter (Catalogs, Brochures,)  https://www.siemens.com/icio	Substance Prohibitance (Date)	10/01/2014
- at 50 Hz rated value - at 60 Hz rated value 5 500 V et at 60 Hz rated value 5 500 V  Power Electronics  contact reliability  One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (6 V, 1 mA)  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts connections/ Tominals  Type of electrical connection • of modules and accessories • solid with cure end processing • solid without core end processing • finely stranded with core end processing • finely stranded without sore with processing • finely stranded	operating voltage	
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at DC rated value     5 500 V  Power Electronics  contact reliability  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 0 Connections/ Terminals  type of electrical connection • of modules and accessories  type of connectable conductor cross-sections • solid with core end processing • solid with core end processing • finely stranded with core end processing • rinely stranded with core end processing • at AWC cables  tightening torque of the screw-type terminals  * tightening torque of the screw-type terminals  * tightening torque with screw-type terminals  * to Ambient conditions  * ambient temperature • during operation • during storage  * environmental category during operation according to IEC  * environmental category during operation according to IEC  * environmental category during operation • of modules and accessories  * fence the screw of the s	— at 50 Hz rated value	5 500 V
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	— at 60 Hz rated value	5 500 V
Contact reliability  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 2 Connections/ Terminals 1 type of electrical connection	at DC rated value	5 500 V
Contact reliability  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 2 Connections/ Terminals 1 type of electrical connection	Power Electronics	
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design of the contact of auxiliary contacts   1   1   1   1   1   1   1   1   1	Auxiliary circuit	
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of modules and accessories      type of connectable conductor cross-sections		screw-type terminals
type of connectable conductor cross-sections  • solid with core end processing  • solid with core end processing  • finely stranded with core end processing  • finely stranded with core end processing  • finely stranded with core end processing  • at AWG cables  • at AWG cables		
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Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-0AB10-1CA0-Z Y13

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-0AB10-1CA0-Z Y13

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1100-0AB10-1CA0-Z Y13&lang=en

1/26/2022 last modified: