## **SIEMENS**

## **Data sheet**



Pushbutton, 22 mm, round, plastic, black, pushbutton, flat, momentary contact type, with holder 1 NC, screw terminal, with laser labeling, upper case

product brand name	SIRIUS ACT	
product designation	Pushbuttons	
design of the product	Complete unit	
product type designation	3SU1	
product line	Plastic, black, 22 mm	
manufacturer's article number		
<ul> <li>of supplied contact module at position 1</li> </ul>	3SU1400-1AA10-1CA0	
<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0	
of the supplied actuator	3SU1000-0AB10-0AA0	
number of command points	1	
Actuator		
design of the actuating element	Button, flat	
principle of operation of the actuating element	momentary contact type	
product extension optional light source	No	
color of the actuating element	black	
material of the actuating element	plastic	
shape of the actuating element	round	
outer diameter of the actuating element	29.45 mm	
marking of the actuating element	Any inscription, text in upper case	
number of contact modules	1	
Front ring		
product component front ring	Yes	
design of the front ring	Standard	
material of the front ring	plastic	
color of the front ring	black	
Holder		
material of the holder	Plastic	
Display		
number of LED modules	0	
General technical data		
product function positive opening	Yes	
product component light source	No	
insulation voltage rated value		
	500 V	
degree of pollution	500 V 3	
degree of pollution type of voltage of the operating voltage		
	3	
type of voltage of the operating voltage	3 AC/DC	
type of voltage of the operating voltage surge voltage resistance rated value	3 AC/DC 6 kV	
type of voltage of the operating voltage surge voltage resistance rated value protection class IP	3 AC/DC 6 kV IP66, IP67, IP69(IP69K)	

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 go  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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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 mumber of NC contacts for auxiliary contacts 1 mumber of NO contacts for auxiliary contacts 1 mumber 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 according to IEC 60721  contact reliability  The Access of the screws in the bracket 1 materialition/ mounting/ dimensions  fastening method • of modules and accessories  Front plate mounting  height  width  shape of the installation opening  round  mounting diameter  22.3 mm  positive tolerance of installation diameter  mounting height 11 mm  installation width 29.5 mm  installation width 29.5 mm  installation width 11 mm  installation width 11 mm  installation depth 49.7 mm  Certificates Agreemens com/fic 10	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	
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of modules and accessories      type of connectable conductor cross-sections		screw-type terminals	
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https://www.siemens.com/ic10	Further information		
industry mail (Unline ordering system)			

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1100-0AB10-1CA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-0AB10-1CA0-Z Y11

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-0AB10-1CA0-Z Y11

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 Y11&lang=en

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