

COMPONENT FOR ENCLOSURE, 22MM CONTACT BLOCK WITH 1 CONTACT ELEMENT SCREW TERMINAL, 1NC !!! Phased-out product !!! SIRIUS ACT 3SU1 is successor Preferred successor type is >>3SU1400-2AA10-1CA0<<



Product designation	contact block
Contact block/ lampholder	
Number of lampholders	0
General technical data	
Product function	
• positive opening	Yes
Product component	
• diode	No
• lamp transformer	No
• Light source	No
• series resistor	No
Insulation voltage	
• rated value	400 V
Degree of pollution	class 3
Type of voltage	
• of the operating voltage	AC/DC
Surge voltage resistance rated value	4 kV
Protection class IP	

<ul style="list-style-type: none"> • of the enclosure 	IP40
<ul style="list-style-type: none"> • of the terminal 	IP20
Operating frequency maximum	1 000 1/h
Mechanical service life (switching cycles)	
<ul style="list-style-type: none"> • typical 	10 000 000
Electrical endurance (switching cycles) with contactors 3RT1015 to 3RT1026 typical	10 000 000
Thermal current	10 A
Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	S
Reference code acc. to DIN EN 81346-2	P
Reference code acc. to DIN EN 61346-2	P
Design of the fuse link for short-circuit protection of the auxiliary switch with type of coordination 1 required	gG / Dz 10 A
Operating voltage	
<ul style="list-style-type: none"> • at AC <ul style="list-style-type: none"> — at 50 Hz rated value — at 60 Hz rated value • at DC <ul style="list-style-type: none"> — rated value 	5 ... 400 V 5 ... 300 V 5 ... 230 V
Operating voltage 1	
<ul style="list-style-type: none"> • at AC <ul style="list-style-type: none"> — at 50 Hz rated value — at 60 Hz rated value • at DC rated value 	400 V 300 V 24 V

Power Electronics

Contact reliability	one incorrect switching operation of 100 million switching operations (5 V, 1 mA)
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Auxiliary circuit

Number of NC contacts for auxiliary contacts	1
Number of NO contacts for auxiliary contacts	0
Number of CO contacts	
<ul style="list-style-type: none"> • for auxiliary contacts 	0
Operating current at AC-12	
<ul style="list-style-type: none"> • at 24 V rated value • at 48 V rated value • at 110 V rated value • at 230 V rated value • at 400 V rated value 	10 A 10 A 10 A 10 A 10 A
Operating current at AC-15	
<ul style="list-style-type: none"> • at 24 V rated value 	6 A

<ul style="list-style-type: none"> • at 48 V rated value • at 110 V rated value • at 230 V rated value • at 400 V rated value 	6 A 6 A 6 A 3 A
Operating current at DC-12 <ul style="list-style-type: none"> • at 24 V rated value • at 48 V rated value • at 110 V rated value • at 230 V rated value 	10 A 5 A 2.5 A 1 A
Operating current at DC-13 <ul style="list-style-type: none"> • at 24 V rated value • at 48 V rated value • at 110 V rated value • at 230 V rated value 	3 A 1.5 A 0.7 A 0.3 A

Connections/ Terminals

Type of electrical connection	screw-type terminals
Type of connectable conductor cross-sections <ul style="list-style-type: none"> • for auxiliary contacts <ul style="list-style-type: none"> — solid — solid with core end processing — finely stranded with core end processing • at AWG conductors for auxiliary contacts 	2x (1.0 ... 1.5 mm ²) 2x (0.5 ... 0.75 mm ²) 2x (0.5 ... 1.5 mm ²) 2x (18 ... 14)
Tightening torque <ul style="list-style-type: none"> • for auxiliary contacts with screw-type terminals 	0.8 N·m

Ambient conditions

Ambient temperature <ul style="list-style-type: none"> • during operation • during storage 	-25 ... +70 °C -25 ... +80 °C
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Installation/ mounting/ dimensions

Mounting type	floor mounting
Height	49.5 mm
Width	10 mm
Depth	28 mm

Certificates/ approvals

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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CCC



CSA



VDE



EG-Konf.

[Miscellaneous](#)

other

[Confirmation](#)

Further information

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

www.siemens.com/ic10

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3SB3420-0C>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SB3420-0C>

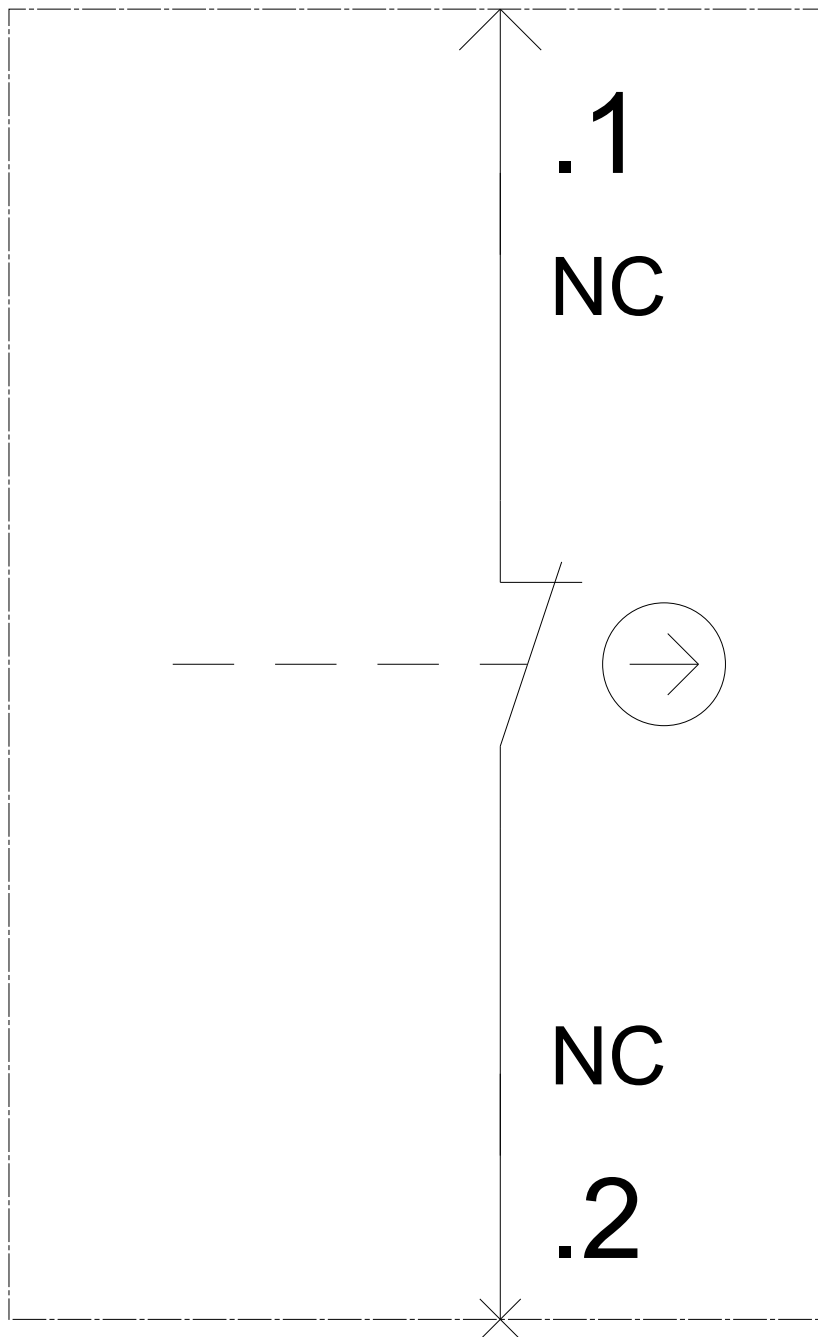
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3420-0C>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SB3420-0C&lang=en

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