

AUXILIARY CONTACT BLOCK WITHOUT POSITION INDICATION
FOR PLUGGING ONTO CONTACTORS 1NC



General technical data

product brandname	SIRIUS
Suitability for use	Contactor relay and power contactor
Protection class IP on the front	IP20
Ambient temperature	
• during storage	-55 ... +80 °C
• during operation	-25 ... +55 °C
Mechanical service life (switching cycles) typical	10 000 000
Insulation voltage with degree of pollution 3 rated value	690 V
Surge voltage resistance rated value	6 kV

Auxiliary circuit

Number of NC contacts for auxiliary contacts	
• instantaneous contact	1
• lagging switching	0
Number of NO contacts for auxiliary contacts	
• instantaneous contact	0
• leading contact	0

Operating current of auxiliary contacts at AC-12	
• at 24 V	10 A
• at 230 V	10 A
• maximum	10 A
Operating current	
• of auxiliary contacts	
— at AC-14	
— at 125 V	10 A
— at AC-15	
— at 24 V	10 A
— at 230 V	5.6 A
— at 400 V	3.6 A
• at AC-15 at 690 V rated value	2.3 A
Operating current	
• of auxiliary contacts at DC-13	
— at 24 V	10 A
— at 60 V	5 A
— at 110 V	1.14 A
— at 220 V	0.48 A

Installation/ mounting/ dimensions

Mounting type	snap-on mounting
Width	12 mm
Height	70 mm
Depth	51.5 mm

Connections/Terminals

Type of connectable conductor cross-sections	
• for auxiliary contacts	
— finely stranded	
— with core end processing	2x (0.5 ... 1.0 mm ²), 2x (0.75 ... 2.5 mm ²)
• at AWG conductors for auxiliary contacts	2x (18 ... 12)

Safety related data

Product function positively driven operation acc. to IEC 60947-5-1	Yes
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Certificates/approvals

General Product Approval

Test Certificates

Shipping Approval



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other

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Further information

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

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TX4001-2A>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TX4001-2A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TX4001-2A>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TX4001-2A&lang=en

last modified:

02/10/2017