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Data sheet 3TX4431-0A

AUXILIARY CONTACT BLOCK W. SCREW TERMINAL FOR CONTACTOR RELAYS ACCORDING TO EN 50011 IDENTIFICATION NUMBER 71E 3NO + 1NC



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

Auxiliary circuit:		
Number of NC contacts for auxiliary contacts		
• instantaneous contact		1
• lagging switching		0
Number of NO contacts for auxiliary contacts		
• instantaneous contact		3
• leading contact		0
Operating current of the auxiliary contacts at AC-12		
• at 24 V	A	10
• at 230 V	A	10
• maximum	A	10
Operating current		
• of the auxiliary contacts		
— at AC-14		

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

Installation/ mounting/ dimensions:		
Mounting type		snap-on mounting
Width	mm	12
Height	mm	70
Depth	mm	51.5

Connections/ Terminals:		
Type of electrical connection for auxiliary and control current circuit		screw-type terminals
Type of connectable conductor cross-section		
• for auxiliary contacts		
— finely stranded		
— with core end processing		2x (0.5 ... 1.0 mm²), 2x (0.75 ... 2.5 mm²)
• for AWG conductors for auxiliary contacts		2x (18 ... 12)

Safety related data:		
Product function positively driven operation acc. to IEC 60947-5-1		Yes

Certificates/ approvals:

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General Product Approval				Functional Safety/Safety of Machinery	Test Certificates
CCC	CSA	EAC	UL	Type Examination	Special Test Certificate

Shipping Approval				other
DNV	GL	PRS	RINA	Declaration of Conformity

Further information

Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)
http://www.siemens.com/industrymall

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TX44310A

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3TX44310A

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TX44310A&lang=en

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