

Auxiliary switch block, with screw terminal for motor contactors EN 50012 Ident. no. 11E, 1NC

General technical data	
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 at AC 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-12	
— at 24 V	4 A
— at 110 V	1.1 A
— at 220 V	0.5 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	45 mm
Height	24 mm
Depth	25 mm

Connections/ Terminals	
Type of electrical connection for auxiliary and control current circuit	screw-type 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

Certificates/ approvals

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

Test Certificates	Shipping Approval	other
Special Test Certificate	 PRS	Confirmation
Type Test Certificates/Test Report	 RINA	

Further information
Information- and Downloadcenter (Catalogs, Brochures,...) https://www.siemens.com/ic10

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TX4401-1A>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TX4401-1A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TX4401-1A>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TX4401-1A&lang=en

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