

Auxiliary switch block, with screw terminal for motor contactors EN
50012 Ident. no. 22E, 1 NO + 2 NC

General technical data	
Suitability for use	Contact 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	2
• lagging switching	0
Number of NO contacts for auxiliary contacts	
• instantaneous contact	1
• 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	
<ul style="list-style-type: none"> • of auxiliary contacts at DC-13 <ul style="list-style-type: none"> — at 24 V — at 60 V — at 110 V — at 220 V 	<ul style="list-style-type: none"> 10 A 5 A 1.14 A 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 <ul style="list-style-type: none"> • for auxiliary contacts <ul style="list-style-type: none"> — finely stranded — with core end processing • at AWG conductors for auxiliary contacts 	2x (0.5 ... 1.0 mm ²), 2x (0.75 ... 2.5 mm ²) 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	Type Test Certificates/Test Report	Confirmation
	 PRS	 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=3TX4412-1A>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TX4412-1A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TX4412-1A>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TX4412-1A&lang=en

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