

Auxiliary switch block, 4 NO+4 NC



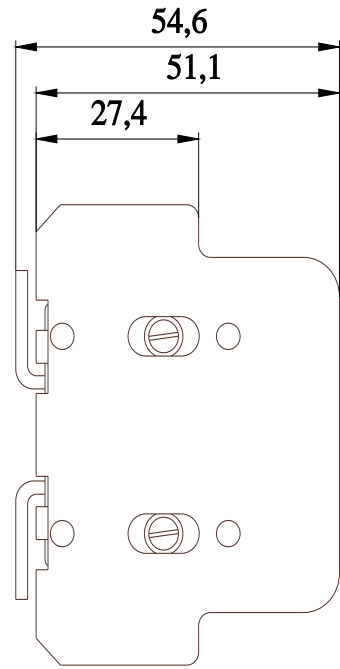
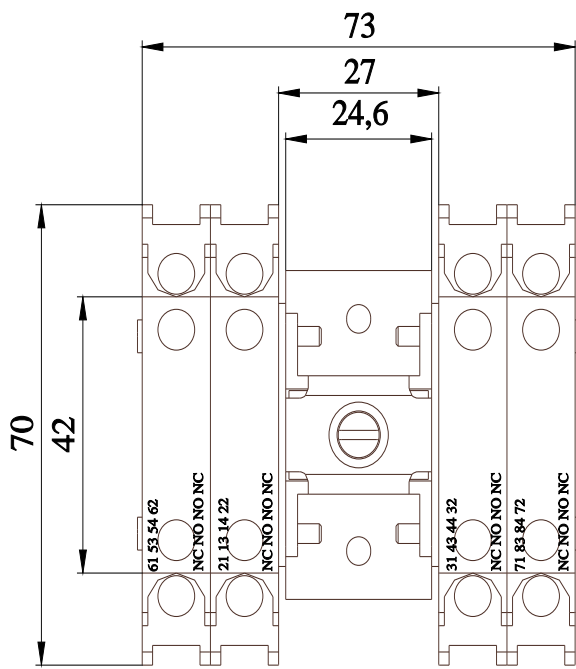
product category	Auxiliary switch
product designation	auxiliary switch
suitability for use	Contactor relay and power contactor
General technical data	
size of contactor	12
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
protection class IP on the front	IP20
mechanical service life (operating cycles) typical	30 000 000
Substance Prohibitation (Date)	07/01/2006
number of NC contacts for auxiliary contacts	
• instantaneous contact	4
• lagging switching	0
number of NO contacts for auxiliary contacts	
• instantaneous contact	4
• leading contact	0
number of CO contacts of auxiliary contacts instantaneous contact	0
operational current of auxiliary contacts at AC-12	
• at 24 V	10 A
• at 230 V	10 A
operational current of auxiliary contacts at AC-14	
• at 125 V	10 A
operational current of auxiliary contacts at AC-12 maximum	10 A
operational current of auxiliary contacts at AC-15	
• at 24 V	10 A
• at 230 V	5.6 A
• at 400 V	3.6 A
operational current of auxiliary contacts at DC-12	
• at 24 V	10 A
• at 110 V	3.2 A
• at 220 V	0.9 A
operational current of auxiliary contacts at DC-13	
• at 24 V	10 A
• at 48 V	5 A
• at 60 V	5 A
• at 110 V	1.14 A
• at 125 V	0.98 A
• at 220 V	0.48 A
Ambient conditions	

ambient temperature			
<ul style="list-style-type: none"> during operation during storage 	<p>-25 ... +55 °C</p> <p>-55 ... +80 °C</p>		
Safety related data			
product function			
<ul style="list-style-type: none"> positively driven operation according to IEC 60947-5-1 	No		
Installation/ mounting/ dimensions			
fastening method	snap-on mounting		
height	70 mm		
width	75 mm		
depth	54 mm		
Connections/ Terminals			
type of electrical connection for auxiliary and control circuit	screw-type terminals		
connectable conductor cross-section for auxiliary contacts			
<ul style="list-style-type: none"> solid or stranded finely stranded with core end processing 	<p>0.5 ... 2.5 mm²</p> <p>0.5 ... 2.5 mm²</p>		
type of connectable conductor cross-sections			
<ul style="list-style-type: none"> for auxiliary contacts <ul style="list-style-type: none"> — solid or stranded — finely stranded with core end processing for AWG cables for auxiliary contacts 	<p>2x (0,5 ... 1,0 mm²), 2x (1,0 ... 2,5 mm²)</p> <p>2x (0.5 ... 1.0 mm²), 2x (0.75 ... 2.5 mm²)</p> <p>2x (18 ... 12)</p>		
AWG number as coded connectable conductor cross section for auxiliary contacts	18 ... 12		
Approvals Certificates			
General Product Approval	Functional Safety	other	Environment
Confirmation	Type Examination Certificate	Confirmation	Environmental Confirmations



Further information

Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>
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=3TY2741-2J>
Cax online generator
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TY2741-2J>
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3TY2741-2J>
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TY2741-2J&lang=en



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