



Figure similar

auxiliary switch, 2 NC for miniature circuit breaker 5SL, 5SY, 5SP Incorporated switch 5TL1, RCBO 5SU1, FI 5SV (for 5SU1 handle coupler 5ST3805-1 is required)

Model		
product brand name	SETRON	
product designation	auxiliary switches	
design of the product	Mountable	
design of the product factory mounted	No	
electrical endurance (operating cycles) typical	10 000	
Voltage		
insulation voltage rated value	440 V	
surge voltage resistance rated value	4 kV	
Supply voltage		
supply voltage at DC rated value	12 V	
• minimum		
operating voltage	400 V	
• rated value		
• at AC rated value minimum		12 V
• at DC rated value minimum		12 V
protection class IP	IP20	
Control current		
type of voltage of control voltage	AC/DC	
Product details		
product component	Yes	
• auxiliary switch		
number of fault signal contacts	0	
number of NC contacts	2	
number of NO contacts	0	
number of CO contacts	0	
product extension can be mounted	Universal	
product extension	auxiliary switch	
Connections		
connectable conductor cross-section	0.5 mm²	
• minimum		
• maximum	2.5 mm²	
AWG number as coded connectable conductor cross section	24	
• minimum		
• maximum	12	
tightening torque with screw-type terminals	1 N·m	
• maximum		
Mechanical Design		

height	90 mm
width	9 mm
depth	70 mm
number of modular width units	1
net weight	63 g

Environmental conditions

standard	IEC/EN60947-5-1; IEC/EN62019
ambient temperature during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature during storage minimum	-40 °C

Environmental footprint

Environmental Product Declaration (EPD)	Yes
global warming potential [CO2 eq] total	4.1 kg
global warming potential [CO2 eq] during manufacturing	0.527 kg
global warming potential [CO2 eq] during operation	3.52 kg
global warming potential [CO2 eq] after end of life	0.055 kg

Approvals Certificates

General Product Approval



[Confirmation](#)



General Product Approval

Marine / Shipping

other



[Miscellaneous](#)



[Confirmation](#)

other

Railway

Environment

[Miscellaneous](#)

[Special Test Certificate](#)



[Environmental Confirmations](#)

[Environmental Confirmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5ST3012>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5ST3012>

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

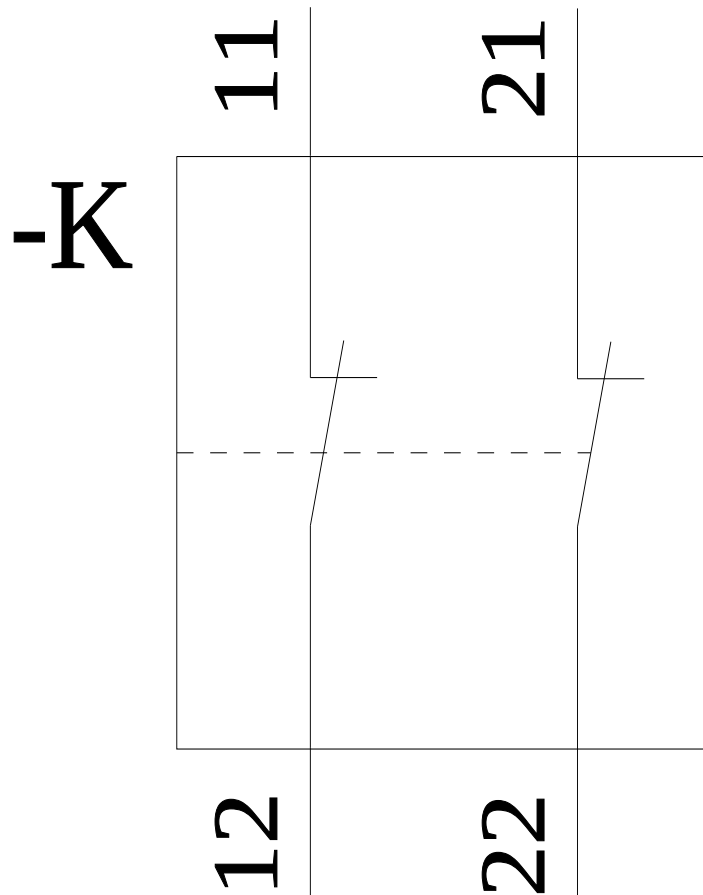
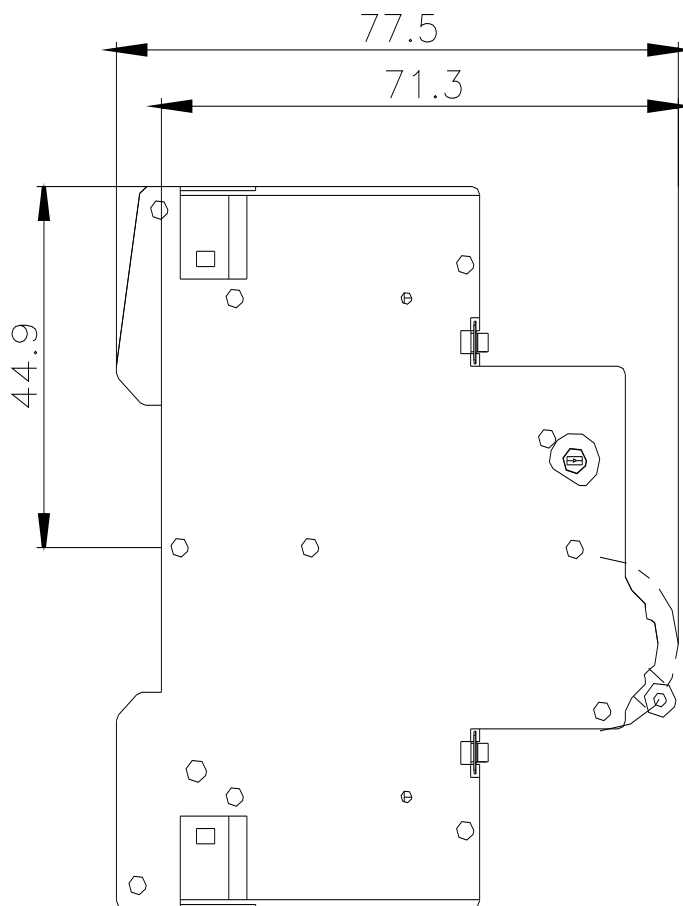
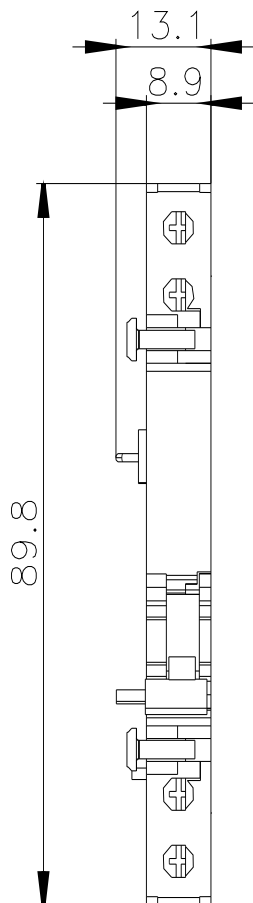
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3012

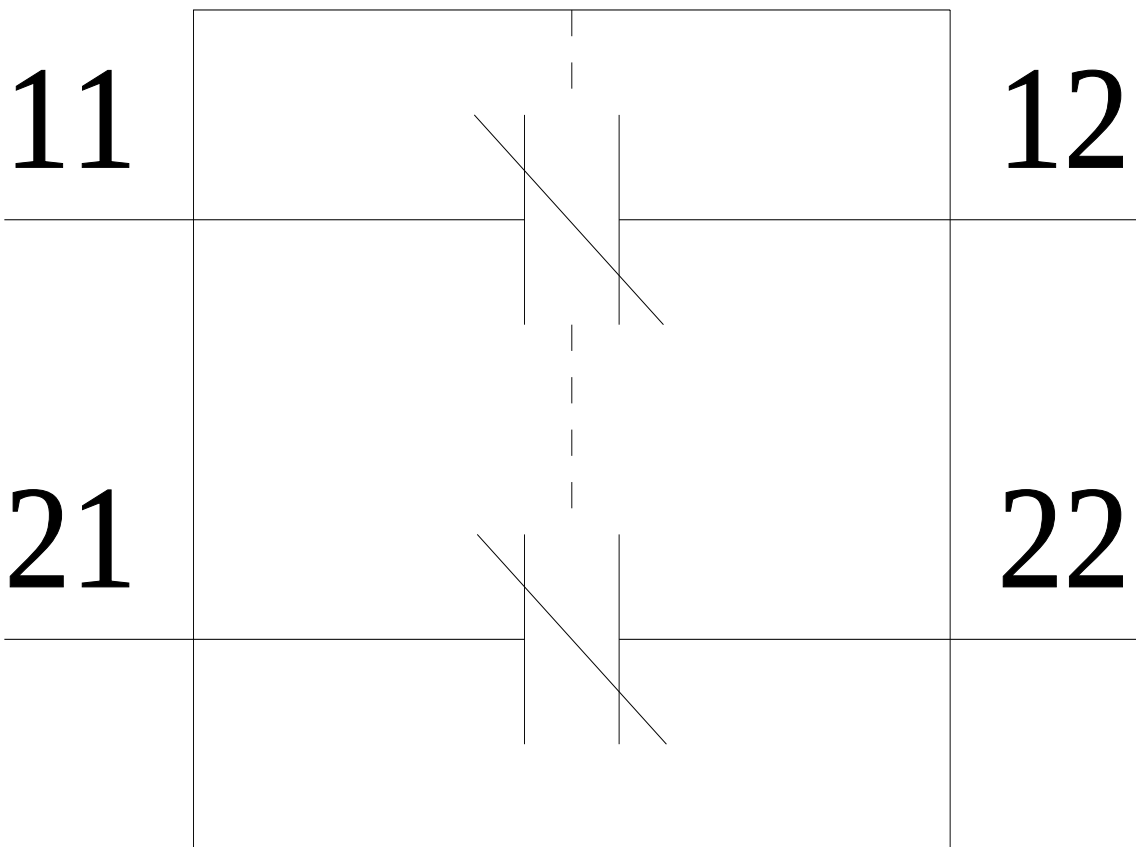
CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>





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