



auxiliary switch, 1 NO+1 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	SENTRON
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	
• minimum	12 V
operating voltage	
• rated value	400 V
• 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	
• auxiliary switch	Yes
number of fault signal contacts	0
number of NC contacts	1
number of NO contacts	1
number of CO contacts	0
product extension can be mounted	Universal
product extension	auxiliary switch
product function test function for fault current trip	No
Connections	
tightening torque with screw-type terminals	
• maximum	1 N·m
type of connectable conductor cross-sections for AWG cables	24 ... 12
Mechanical Design	
height	90 mm
width	9 mm
depth	70 mm
number of modular width units	1
net weight	55 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
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[Miscellaneous](#)



[Miscellaneous](#)

[Confirmation](#)

Railway	Environment
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[Vibration and Shock](#)

[Confirmation](#)

[Environmental Con-  
firmations](#)

### Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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?mifb=5ST3010>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5ST3010>

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

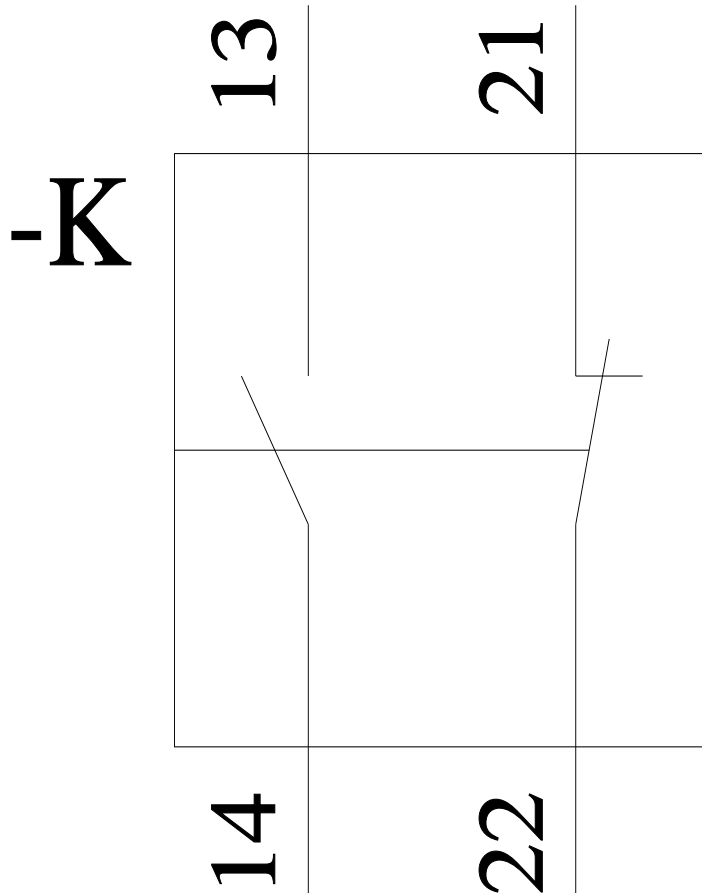
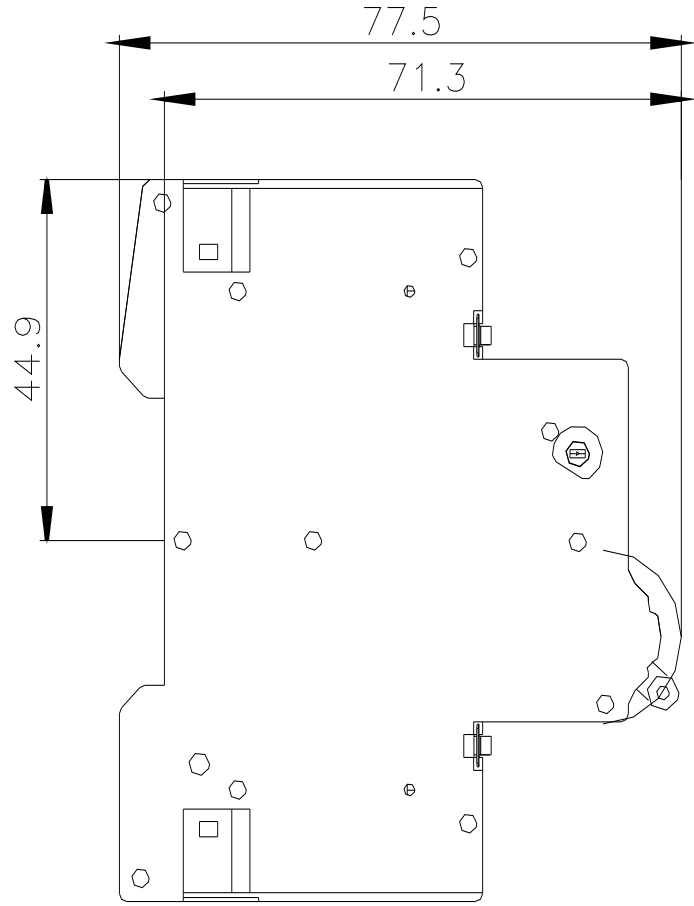
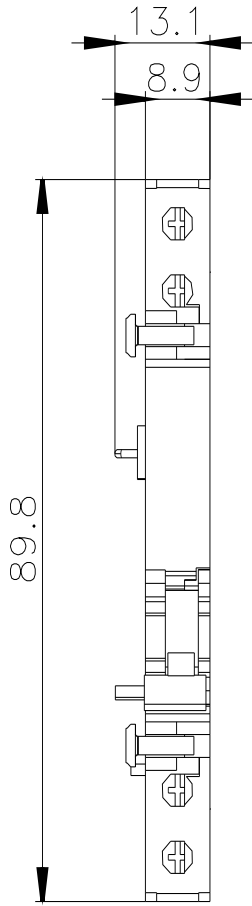
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mifb=5ST3010](http://www.automation.siemens.com/bilddb/cax_en.aspx?mifb=5ST3010)

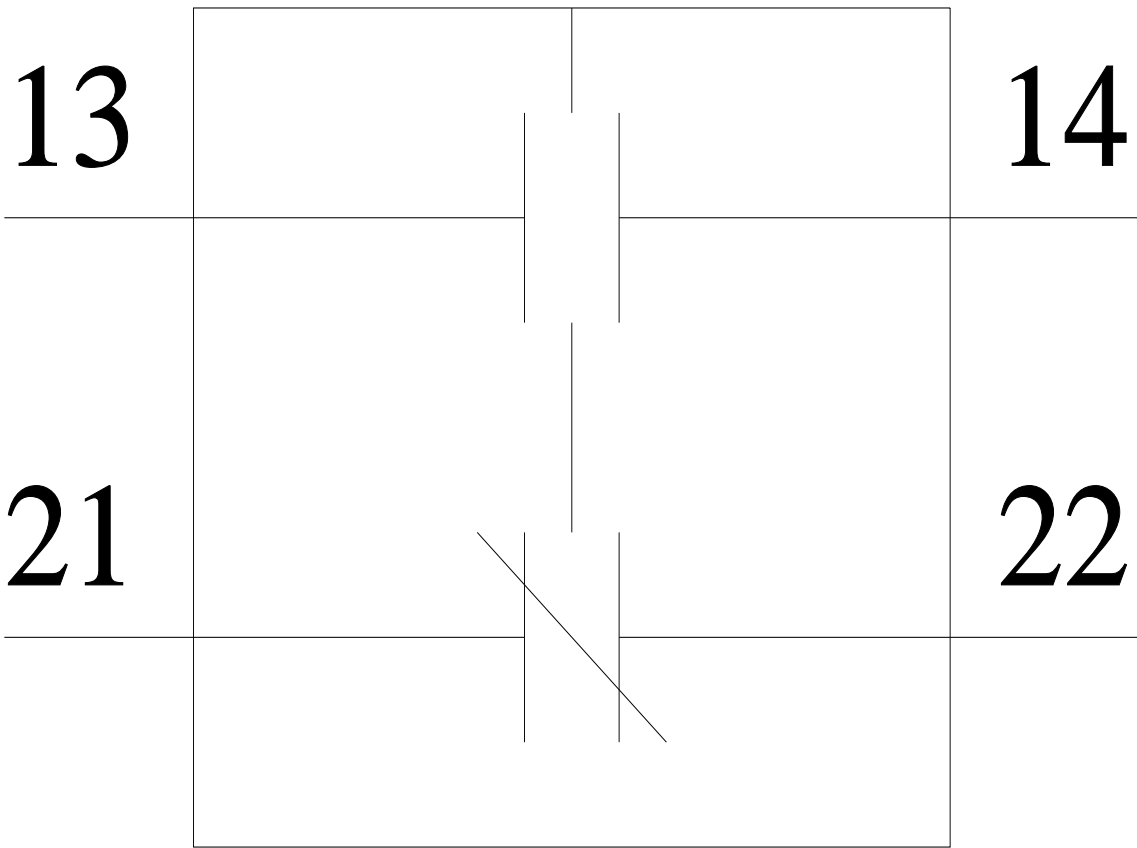
CAX-Online-Generator

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

Tender specifications

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





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