



auxiliary switch, 1 NO + 1 NC for miniature circuit breakers 5SL, 5SY, 5SP, incorporated switch 5TL1, RCBO 5SU1 (without 5SU1...FP/FR), RCCB 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	12 V
• minimum	
operating voltage	
• rated value	
• at AC rated value minimum	
• 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	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	
connectable conductor cross-section	0.5 mm ² 2.5 mm ²
• minimum	
• maximum	
AWG number as coded connectable conductor cross section	24 12
• minimum	
• maximum	
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	0.5
Net Weight	54.3 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	Maritime application	other
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[Miscellaneous](#)



other	Railway	Environment
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[Miscellaneous](#)

[Confirmation](#)

[Special Test Certificate](#)



[Environmental Confirmations](#)

Environment

[Environmental Confirmations](#)

Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5ST3010>

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

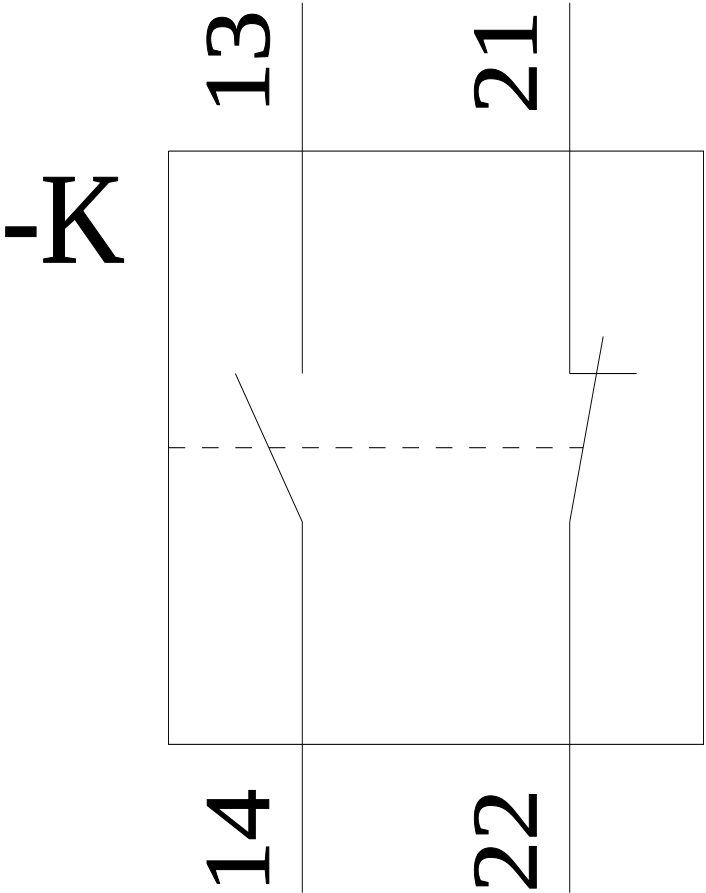
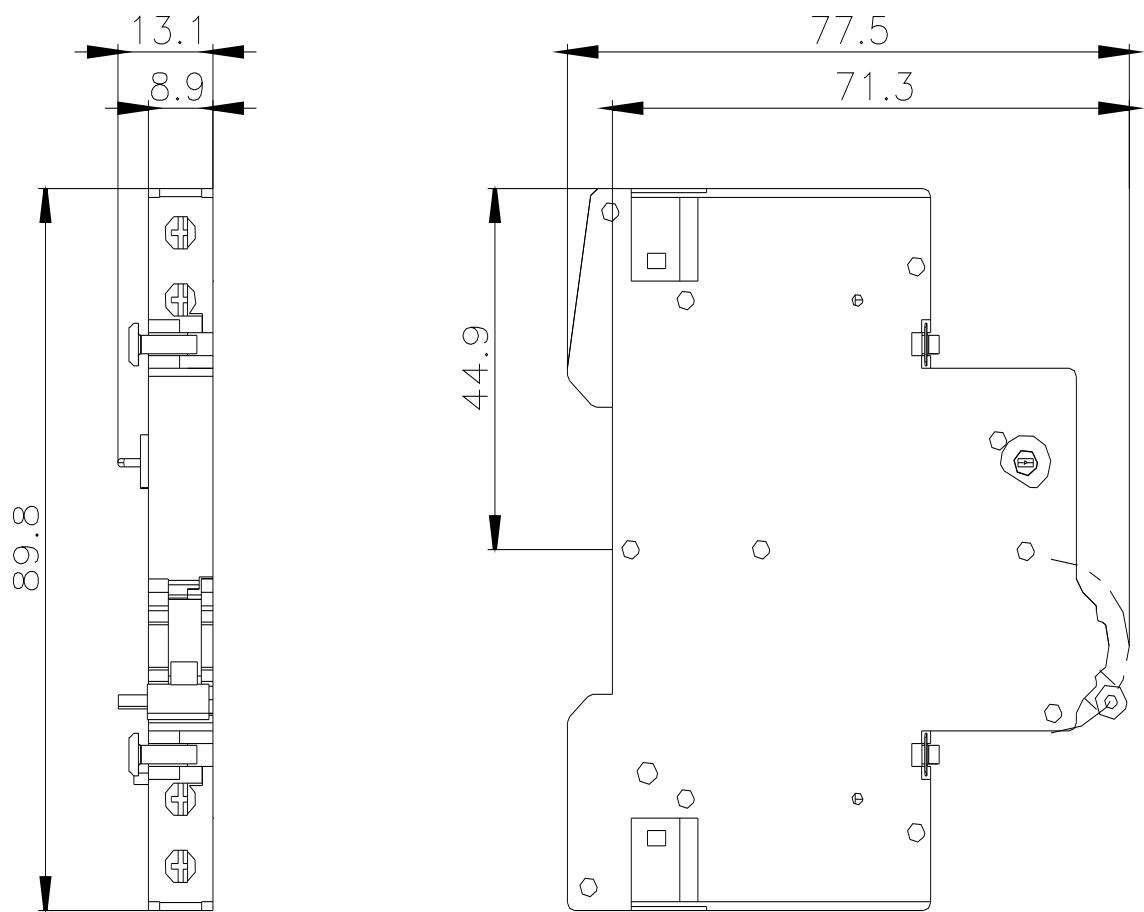
<https://support.industry.siemens.com/cs/ww/en/ps/5ST3010>

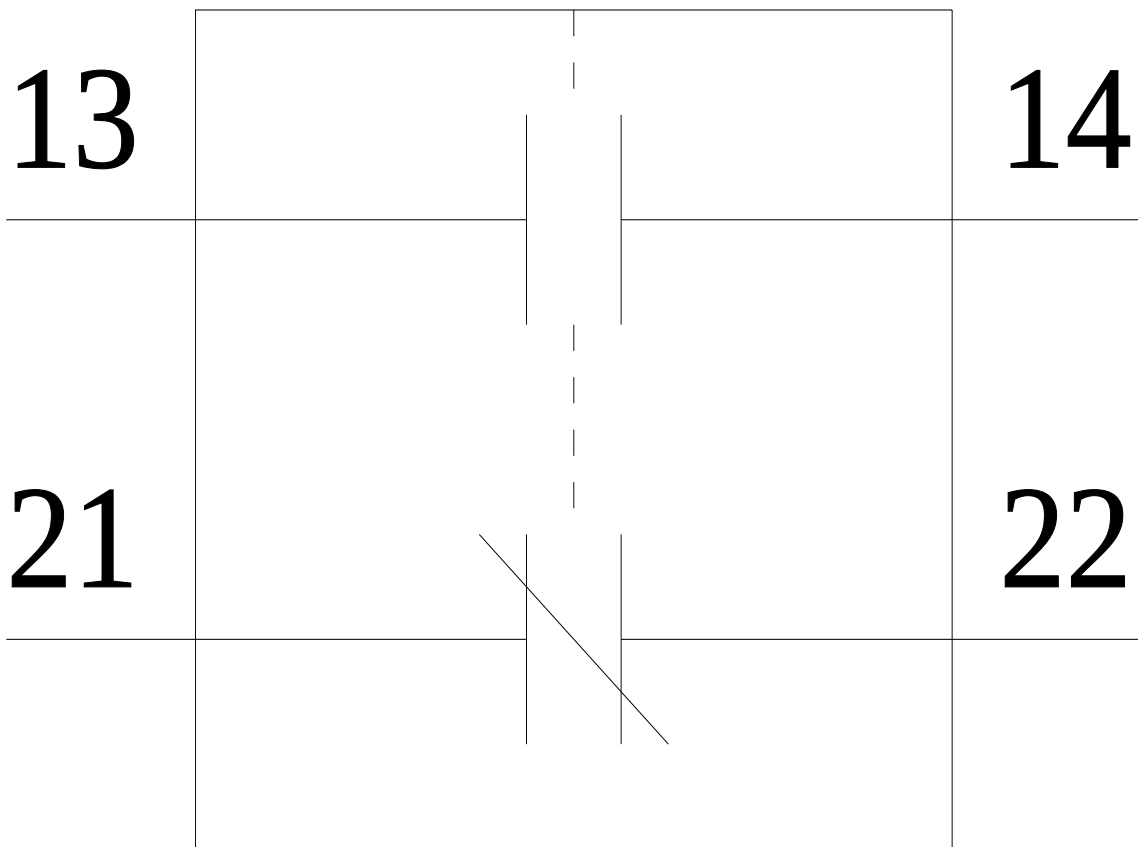
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3010

CAX-Online-Generator

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





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