



auxiliary switch, 1 NO contact + 1 NC contact for miniature circuit breakers, acc. to UL 489

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	6 000
Voltage	
insulation voltage rated value	440 V
surge voltage resistance rated value	4 kV
Current	
operational current at DC rated value	0.01 A
Supply voltage	
supply voltage at DC rated value	
• minimum	12 V
operating voltage	
• rated value	480 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	Circuit breaker
product extension	auxiliary switch
product function test function for fault current trip	No
Connections	
connectable conductor cross-section	
• minimum	0.5 mm ²
• maximum	2.5 mm ²
AWG number as coded connectable conductor cross section	
• minimum	24
• maximum	12

tightening torque with screw-type terminals	
<ul style="list-style-type: none"> maximum 	0.5 N·m
Mechanical Design	
height	110 mm
width	9 mm
depth	70 mm
number of modular width units	0.5
Net Weight	60.4 g
Environmental conditions	
standard	IEC/EN60947-5-1; IEC/EN62019; UL489
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

[Miscellaneous](#)



[Confirmation](#)

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=5ST3010-0HG>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5ST3010-0HG>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3010-0HG

CAx-Online-Generator

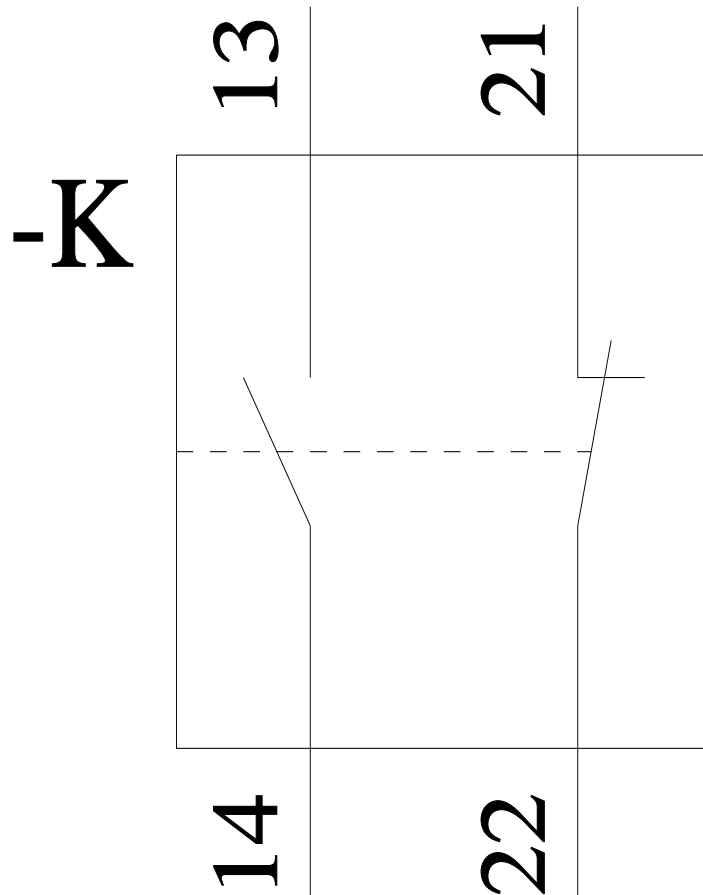
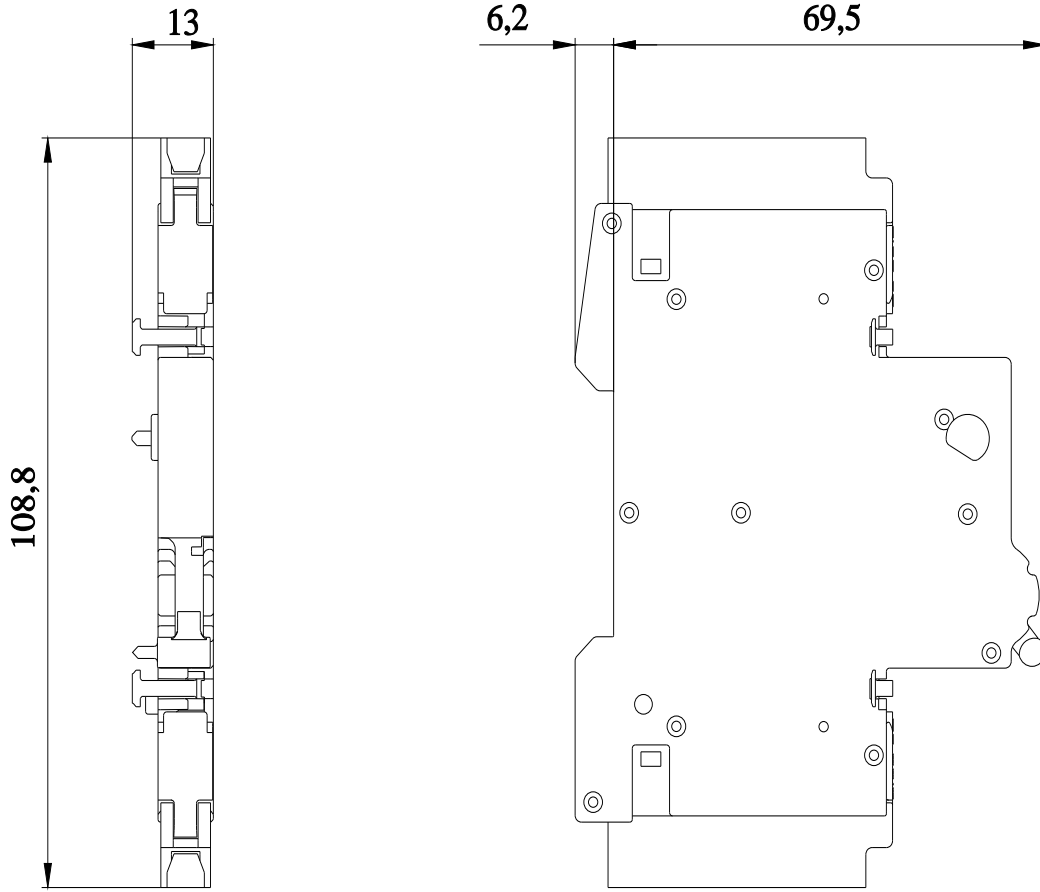
<https://www.siemens.com/cax>

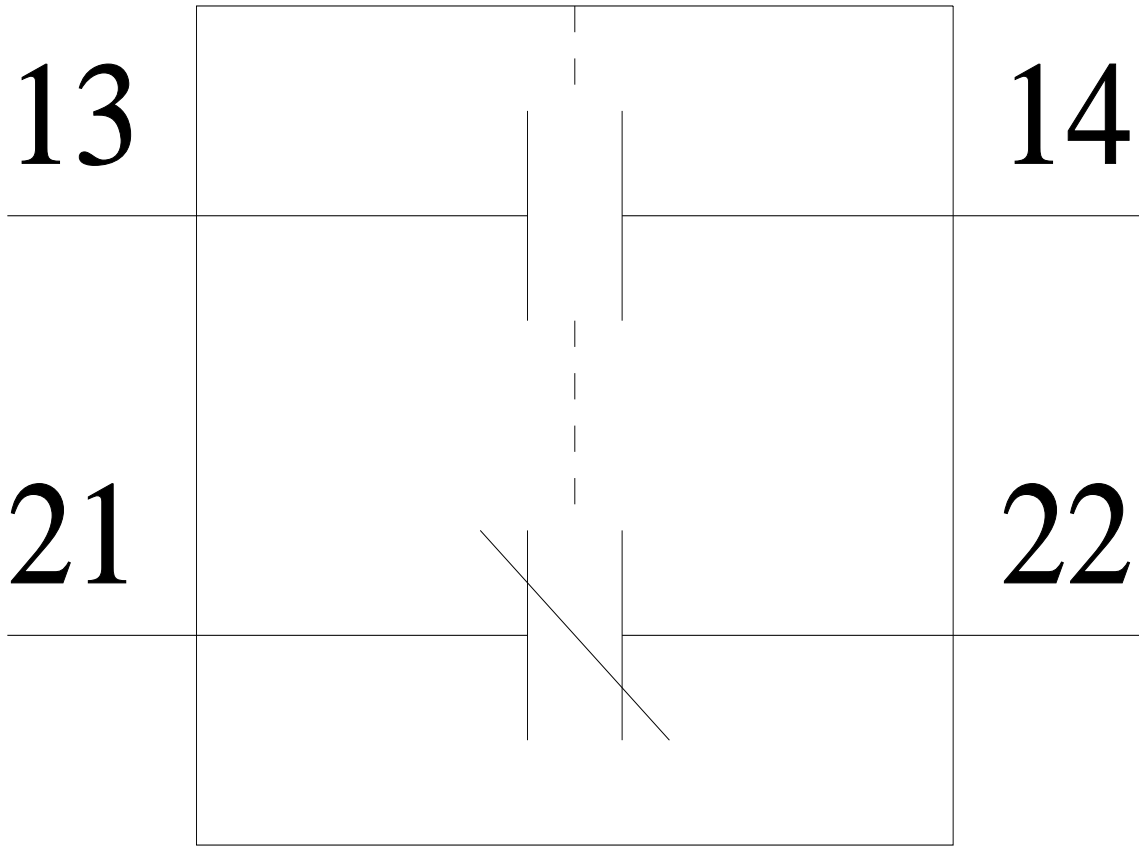
Tender specifications

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

Characteristic curves

[https://curves.simar.siemens.com/curves/<mmp_prod_noCOMP="HAUPT"></mmp_prod_no>](https://curves.simar.siemens.com/curves/<mmp_prod_noCOMP=)





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