



auxiliary switch 2 NC, for miniature circuit breaker according 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
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	2
number of NO contacts	0
number of CO contacts	0
product extension can be mounted	Circuit breaker
product extension	auxiliary switch
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	110 mm
width	9 mm
depth	70 mm
number of modular width units	1
net weight	64 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](#)



EG-Konf.



UL



VDE

General Product Approval	Marine / Shipping	other
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[Miscellaneous](#)



DNV



LRS

[Confirmation](#)

[Miscellaneous](#)

Environment



[Environmental Con-
firmations](#)

[Environmental Con-
firmations](#)

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=5ST3012-0HG>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5ST3012-0HG>

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

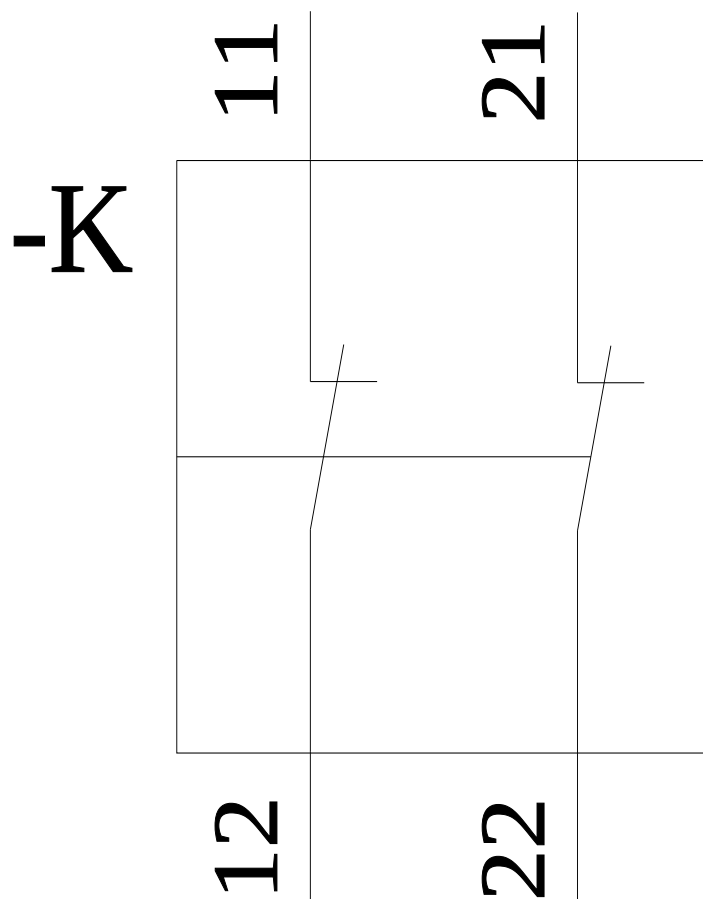
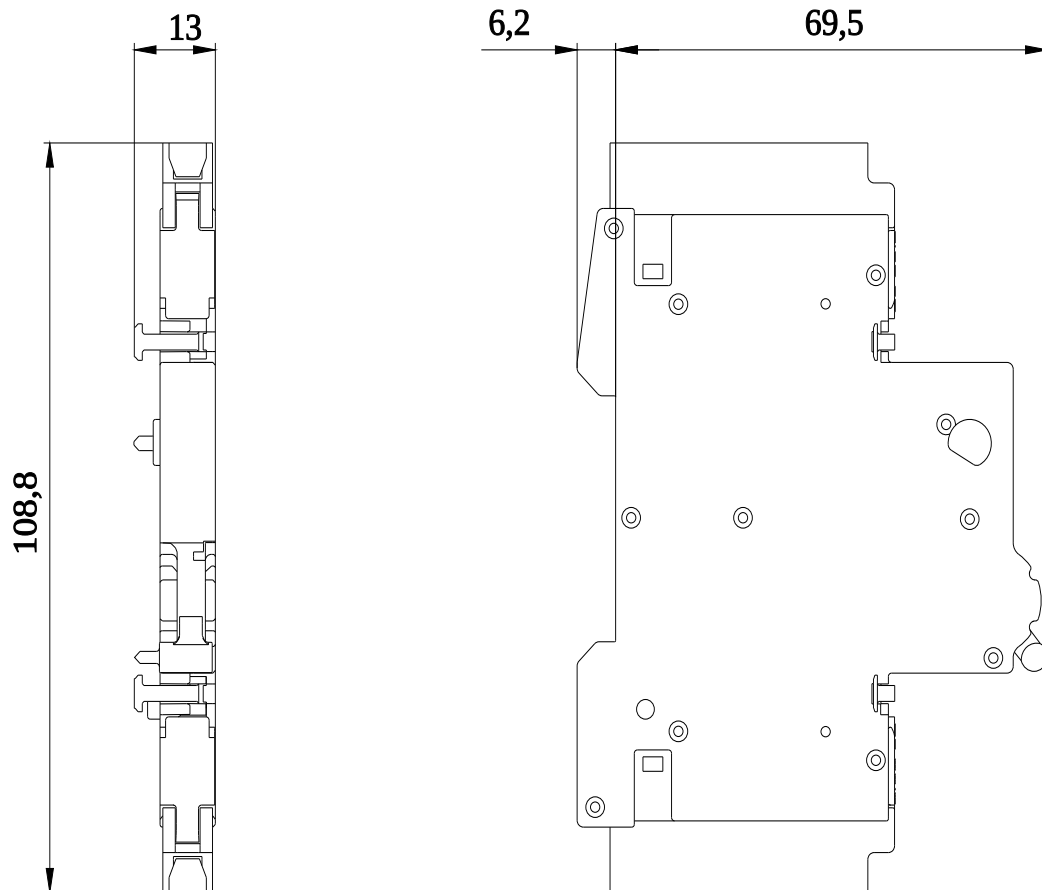
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3012-0HG

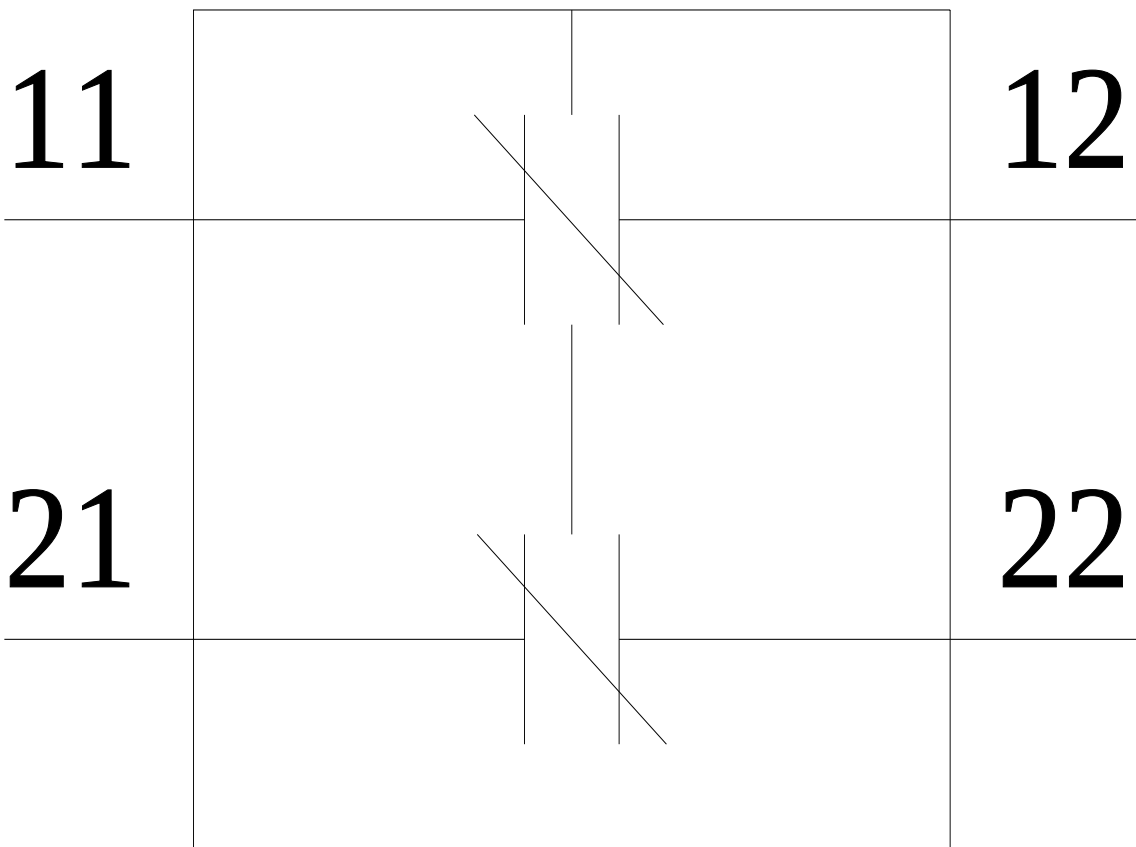
CAX-Online-Generator

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

Tender specifications

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





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