



Shunt trip 12V AC/DC, for MCB

Figure similar

Model	
product brand name	SENTRON
product designation	Shunt trip
design of the product	Mountable
design of the product factory mounted	No
electrical endurance (operating cycles) typical	10 000
Current	
operational current at DC rated value	0.001 A
Supply voltage	
operating voltage	
• rated value	12 V
• at DC rated value maximum	12 V
protection class IP	IP20
Control current	
type of voltage of control voltage	AC/DC
Product details	
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	shunt trip
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	
• maximum	0.8 N·m
Mechanical Design	
height	90 mm
width	18 mm
depth	70 mm
number of modular width units	1
Net Weight	99 g

Environmental conditions	
standard	IEC/EN60947-1
ambient temperature during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature during storage minimum	-40 °C

Approvals Certificates		
Environment	General Product Approval	other

[Environmental Con-
firmations](#)

[Environmental Con-
firmations](#)

[Miscellaneous](#)



[Confirmation](#)

[Confirmation](#)

other



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=5ST3031-0XX01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5ST3031-0XX01>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3031-0XX01

CAX-Online-Generator

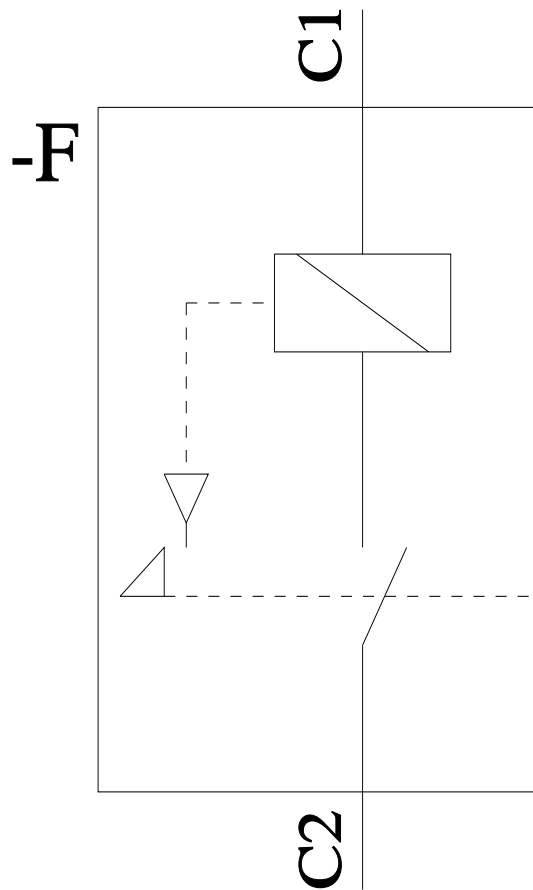
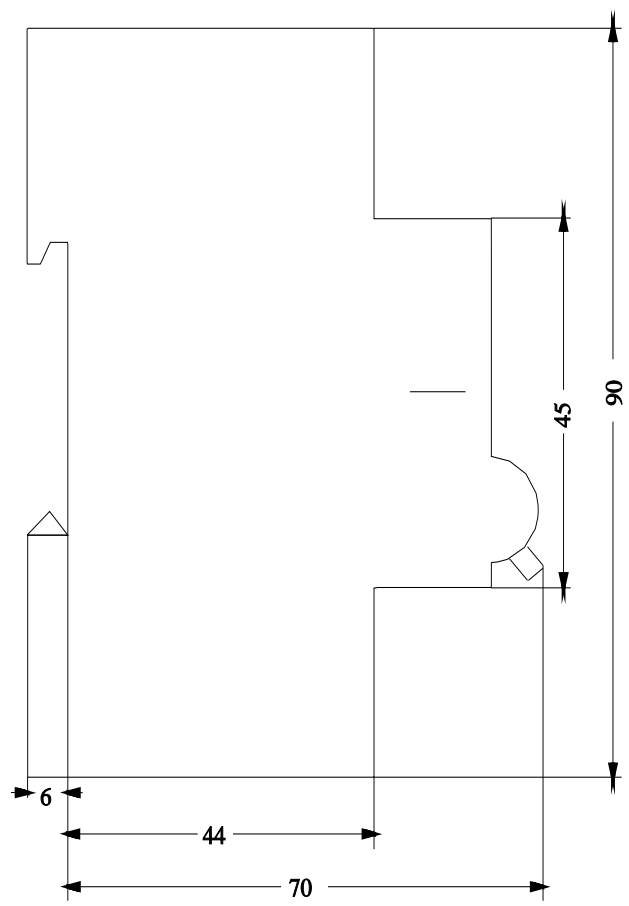
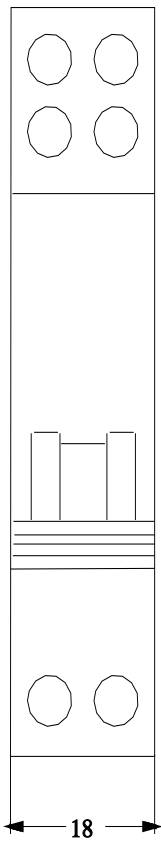
<https://www.siemens.com/cax>

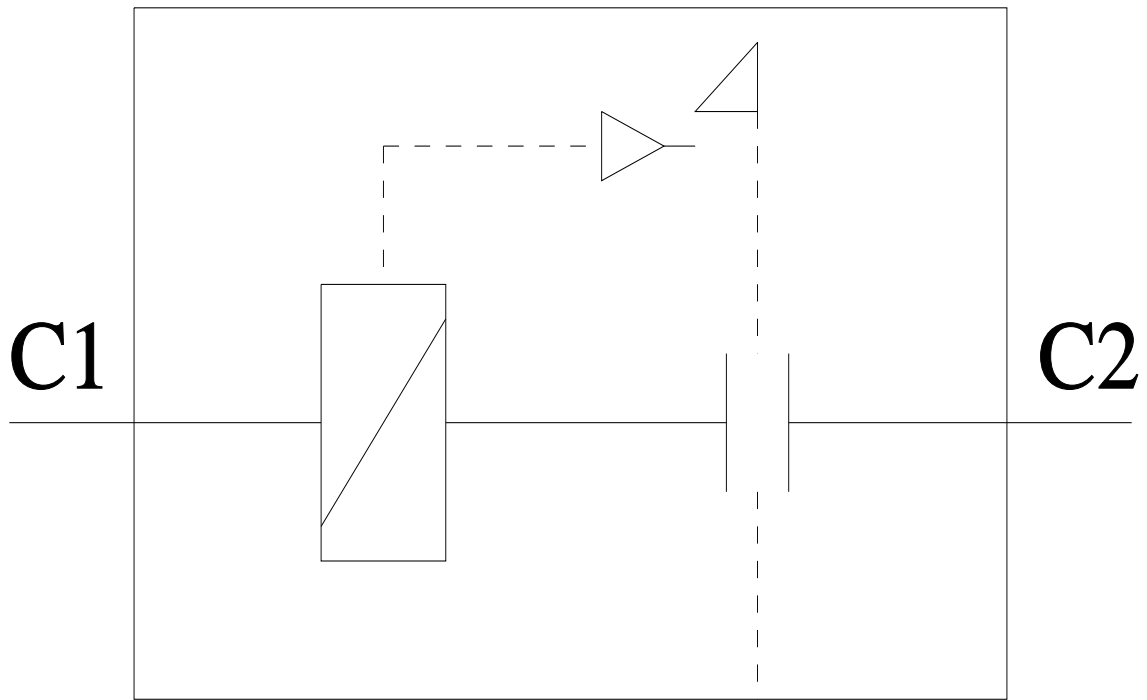
Tender specifications

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

Characteristic curves

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





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