



shunt release 110-480 V AC for miniature circuit breaker according to UL 489

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	6 000
Current	
operational current at DC rated value	0.05 A
Supply voltage	
operating voltage	
• rated value	480 V
• at AC rated value minimum	110 V
• at AC rated value maximum	480 V
protection class IP	IP20
Control current	
type of voltage of control voltage	AC
Product details	
product component	
• auxiliary switch	No
number of fault signal contacts	0
number of NC contacts	0
number of NO contacts	0
number of CO contacts	0
product extension can be mounted	Circuit breaker
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	110 mm
width	18 mm

depth	70 mm
number of modular width units	1
Net Weight	126 g
Environmental conditions	
standard	IEC/EN60947-1; UL489

Approvals Certificates

Environment	General Product Approval
-------------	--------------------------

[Environmental Con-
firmations](#)

[Environmental Con-
firmations](#)

[Miscellaneous](#)

[Confirmation](#)



General Product Approval	other
--------------------------	-------



[Confirmation](#)

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=5ST3030-0HG>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5ST3030-0HG>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3030-0HG

CAX-Online-Generator

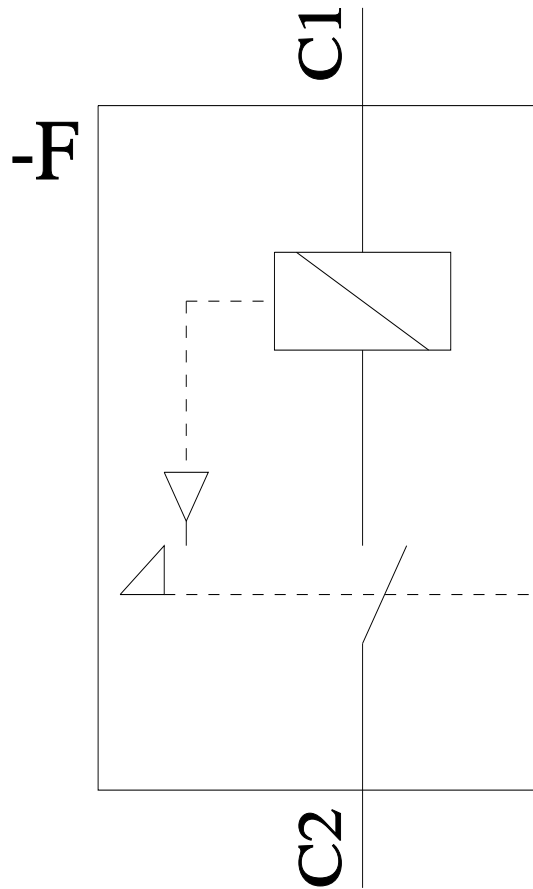
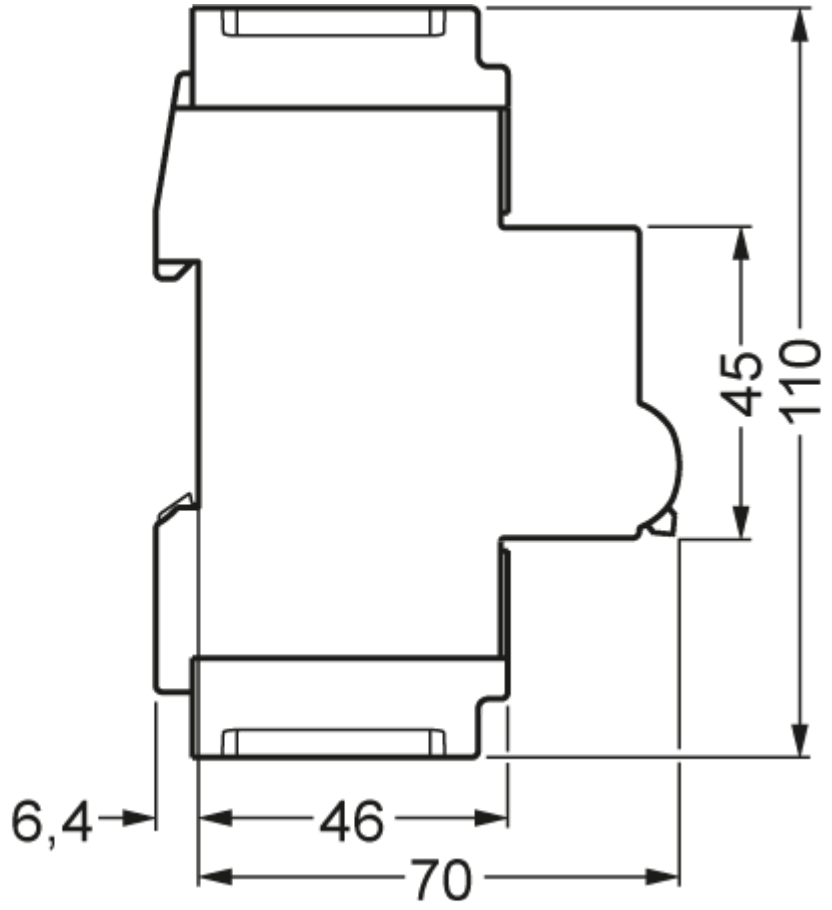
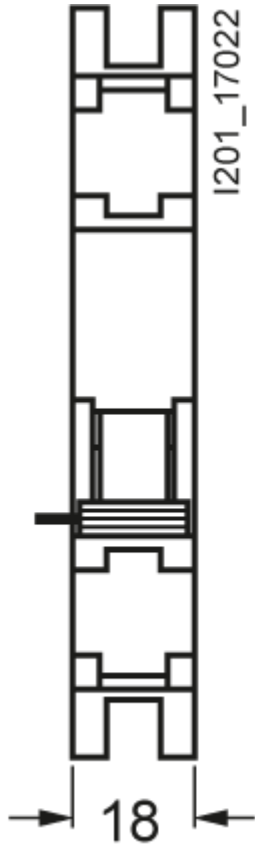
<https://www.siemens.com/cax>

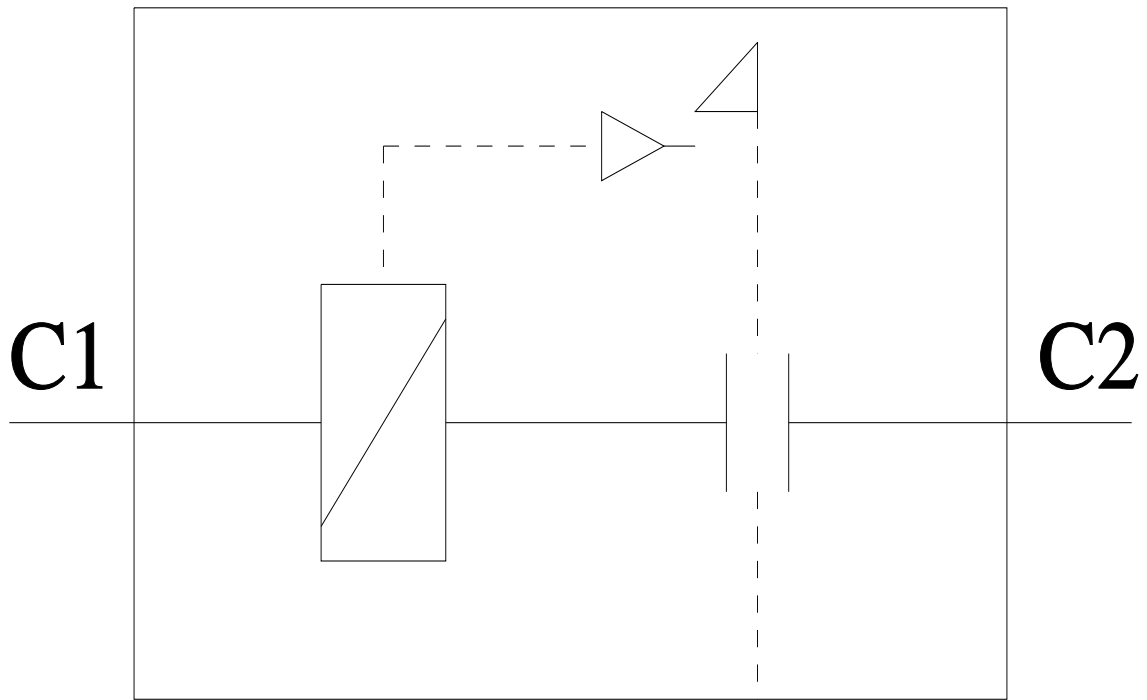
Tender specifications

<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=)





last modified:

5/5/2026 

