



shunt release 24-60 V DC for miniature circuit breaker according to UL 489

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	
<ul style="list-style-type: none"> <li>rated value</li> </ul>	60 V
<ul style="list-style-type: none"> <li>at AC rated value minimum</li> </ul>	24 V
<ul style="list-style-type: none"> <li>at AC rated value maximum</li> </ul>	60 V
<ul style="list-style-type: none"> <li>at DC rated value minimum</li> </ul>	24 V
<ul style="list-style-type: none"> <li>at DC rated value maximum</li> </ul>	60 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	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	
<ul style="list-style-type: none"> <li>minimum</li> </ul>	0.5 mm <sup>2</sup>
<ul style="list-style-type: none"> <li>maximum</li> </ul>	2.5 mm <sup>2</sup>
AWG number as coded connectable conductor cross section	
<ul style="list-style-type: none"> <li>minimum</li> </ul>	24
<ul style="list-style-type: none"> <li>maximum</li> </ul>	12
tightening torque with screw-type terminals	
<ul style="list-style-type: none"> <li>maximum</li> </ul>	0.8 N·m
Mechanical Design	
height	110 mm
width	18 mm
depth	70 mm

number of modular width units	1
Net Weight	125 g
<b>Environmental conditions</b>	
standard	IEC/EN60947-1; UL489
<b>Approvals Certificates</b>	
General Product Approval	



[Confirmation](#)



[Miscellaneous](#)

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



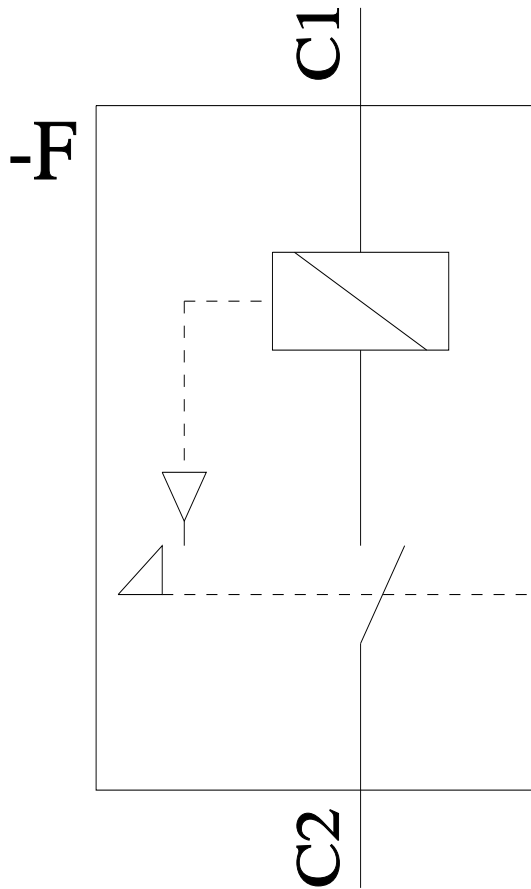
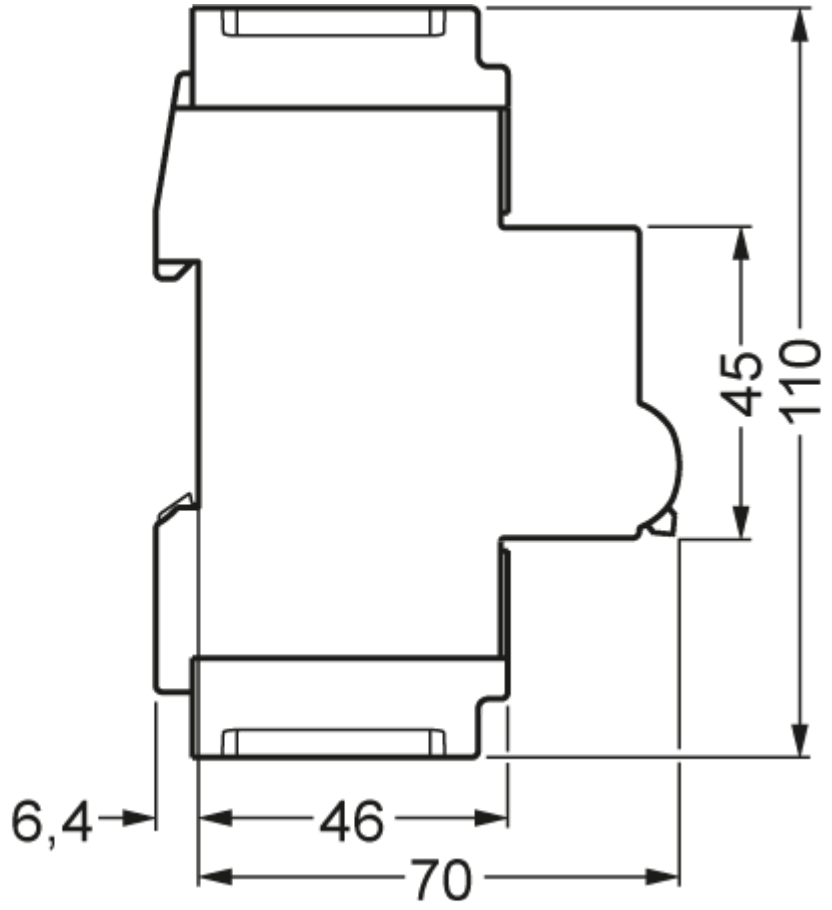
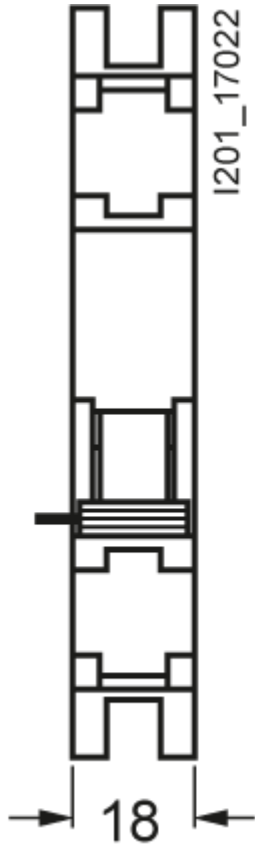
[Confirmation](#)

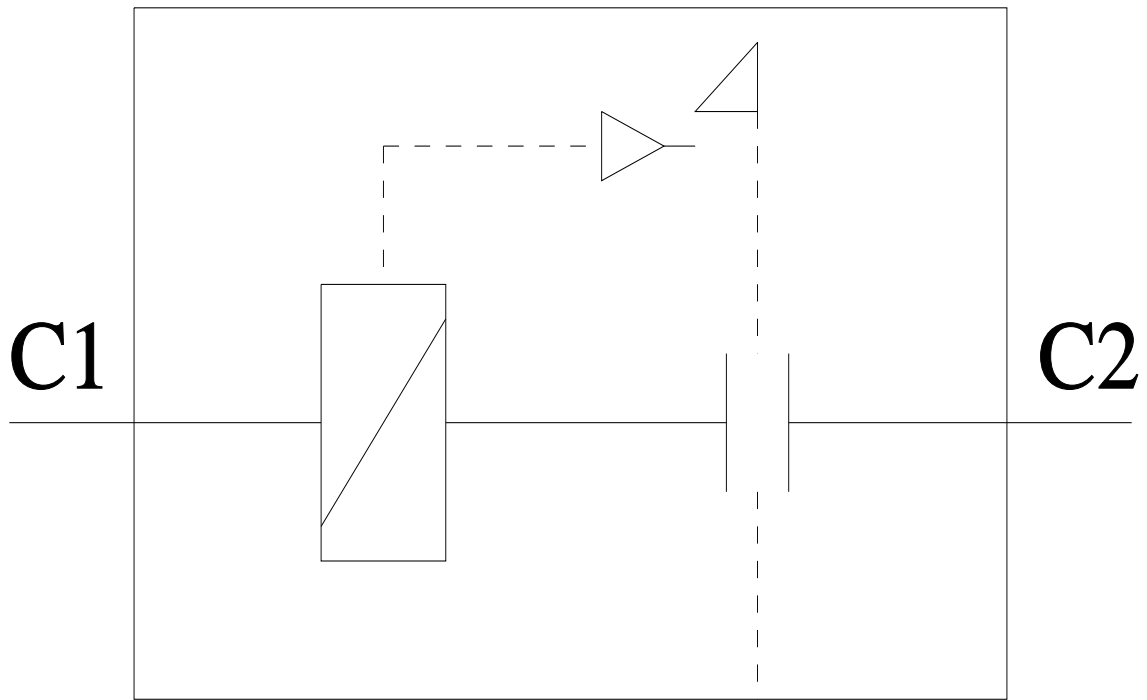
[Environmental Confirmations](#)

[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=5ST3031-0HG>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)  
<https://support.industry.siemens.com/cs/ww/en/ps/5ST3031-0HG>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)  
[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5ST3031-0HG](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3031-0HG)
- CAX-Online-Generator  
<https://www.siemens.com/cax>
- Tender specifications  
<https://www.siemens.com/specifications>





last modified:

11/24/2025 

