



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"> • rated value • at AC rated value minimum • at AC rated value maximum • at DC rated value minimum • at DC rated value maximum | <ul style="list-style-type: none"> 60 V 24 V 60 V 24 V 60 V |
| protection class IP | IP20 |
| Control current | |
| type of voltage of control voltage | AC/DC |
| Product details | |
| product component | |
| <ul style="list-style-type: none"> • 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 | |
| <ul style="list-style-type: none"> • minimum • maximum | <ul style="list-style-type: none"> 0.5 mm² 2.5 mm² |
| AWG number as coded connectable conductor cross section | |
| <ul style="list-style-type: none"> • minimum • maximum | <ul style="list-style-type: none"> 24 12 |
| tightening torque with screw-type terminals | |
| <ul style="list-style-type: none"> • maximum | 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 |

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=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

CAx-Online-Generator

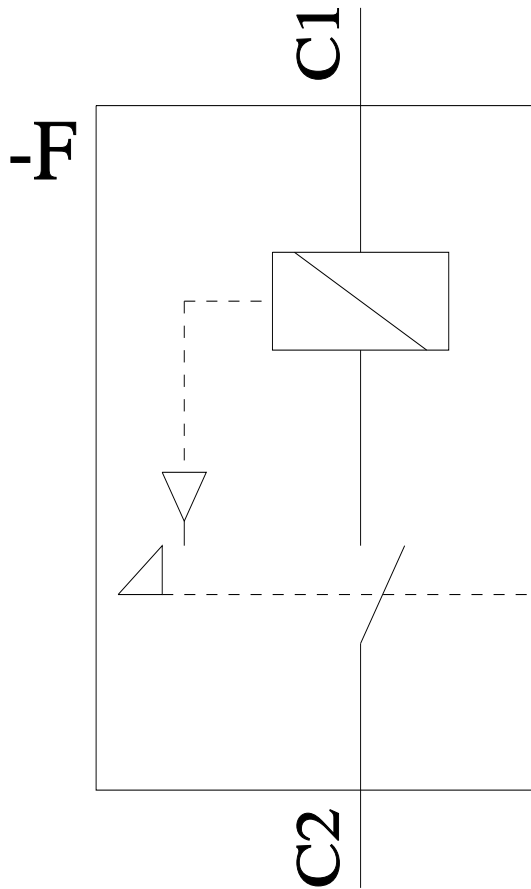
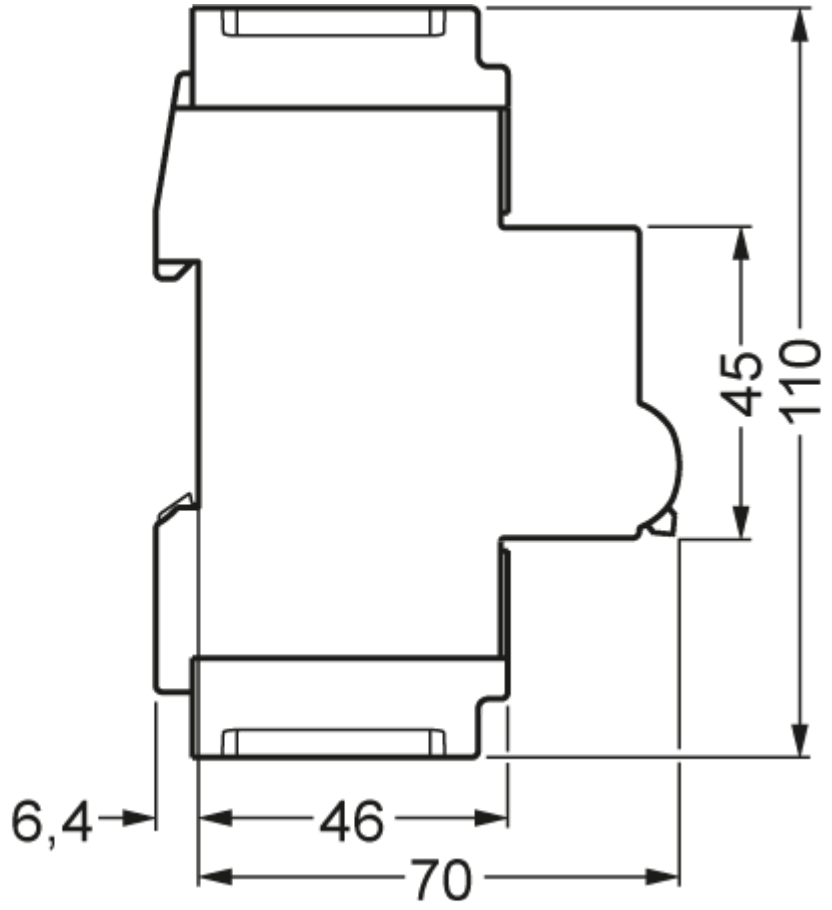
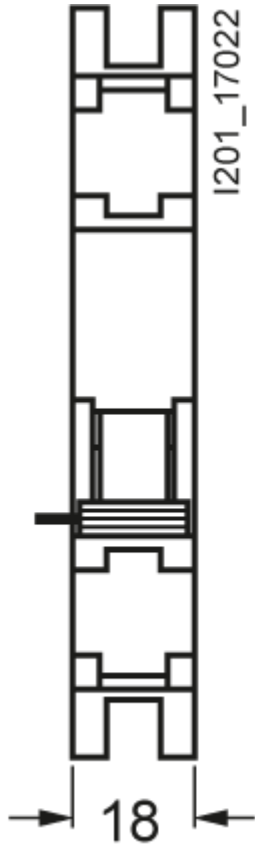
<https://www.siemens.com/cax>

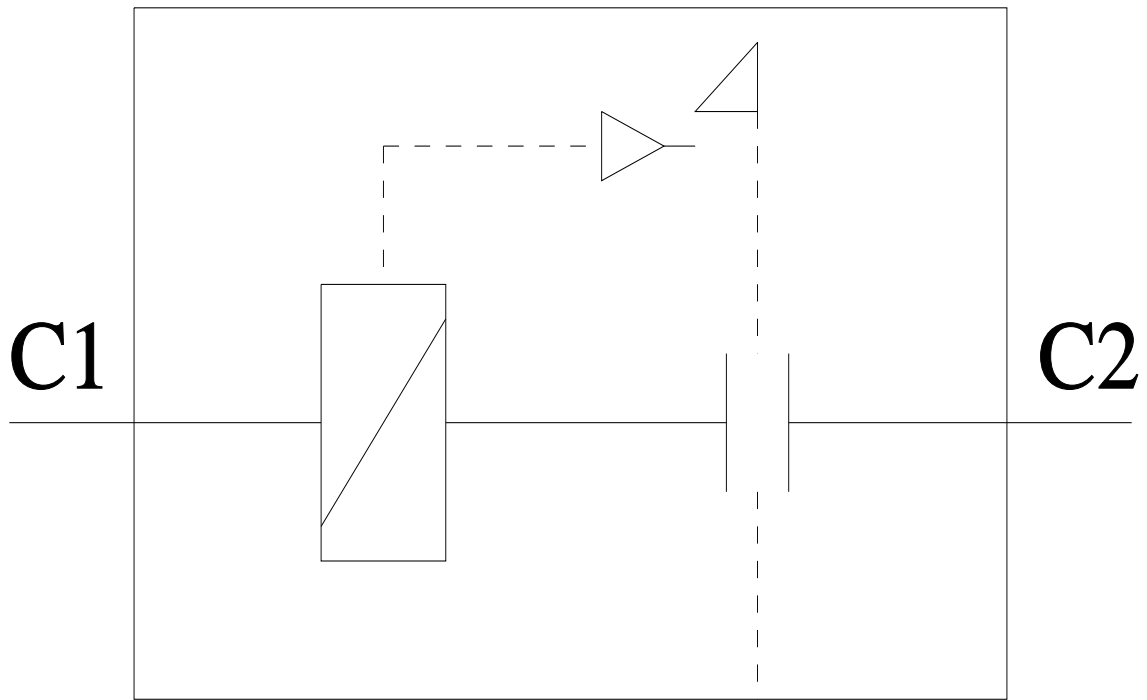
Tender specifications

<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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