



auxiliary switch, 1 NO+1 NC for miniature circuit breaker 5SL, 5SY, 5SP  
Incorporated switch 5TL1, RCBO 5SU1, FI 5SV (for 5SU1 handle coupler  
5ST3805-1 is required)

| 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         | 10 000              |
| 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   | 400 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                                   | 1                   |
| number of NO contacts                                   | 1                   |
| number of CO contacts                                   | 0                   |
| product extension can be mounted                        | Universal           |
| product extension                                       | auxiliary switch    |
| product function test function for fault current trip   | No                  |
| Connections   |                     |
| connectable conductor cross-section                     |                     |
| • minimum   | 0.5 mm <sup>2</sup> |
| • maximum   | 2.5 mm <sup>2</sup> |
| AWG number as coded connectable conductor cross section |                     |
| • minimum   | 24                  |
| • maximum   | 12                  |
| tightening torque with screw-type terminals             |                     |
| • maximum   | 1 N·m               |
| Mechanical Design                                       |                     |

|                               |       |
|-------------------------------|-------|
| height                        | 90 mm |
| width                         | 9 mm  |
| depth                         | 70 mm |
| number of modular width units | 0.5   |
| net weight                    | 54 g  |

### Environmental conditions

|  |                              |
|--|------------------------------|
| standard                                   | IEC/EN60947-5-1; IEC/EN62019 |
| ambient temperature during operation       |                              |
| • minimum                                  | -25 °C                       |
| • maximum                                  | 55 °C                        |
| ambient temperature during storage minimum | -40 °C                       |

### 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



| General Product Approval | Marine / Shipping | other |
|--------------------------|-------------------|-------|
|--------------------------|-------------------|-------|

[Miscellaneous](#)



[Miscellaneous](#)

[Confirmation](#)

| Railway | Environment |
|---------|-------------|
|---------|-------------|

[Special Test Certificate](#)



[Environmental Confirmations](#)

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### 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=5ST3010>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5ST3010>

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

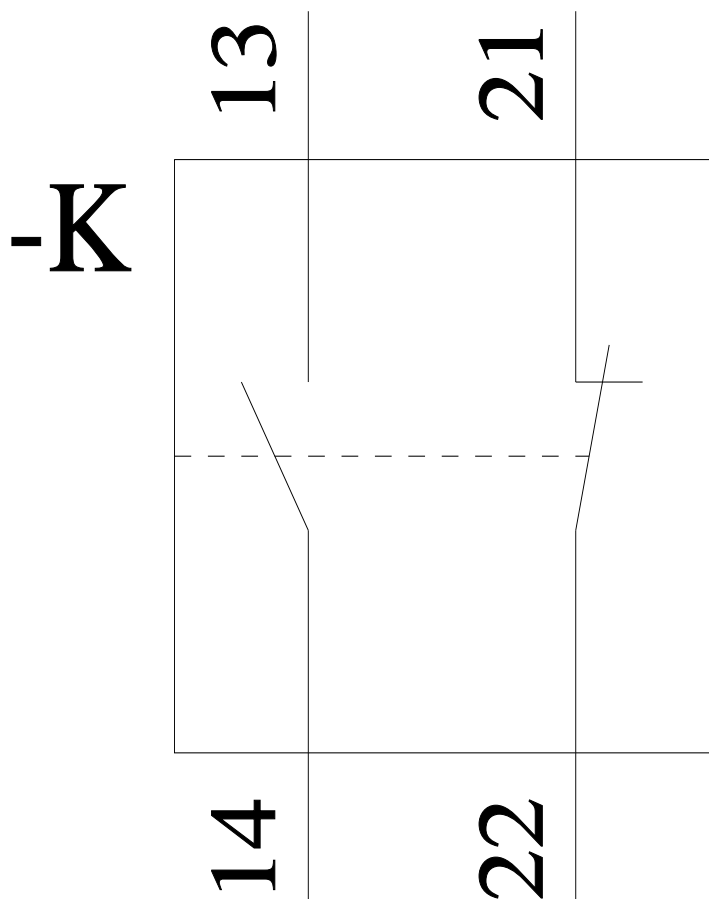
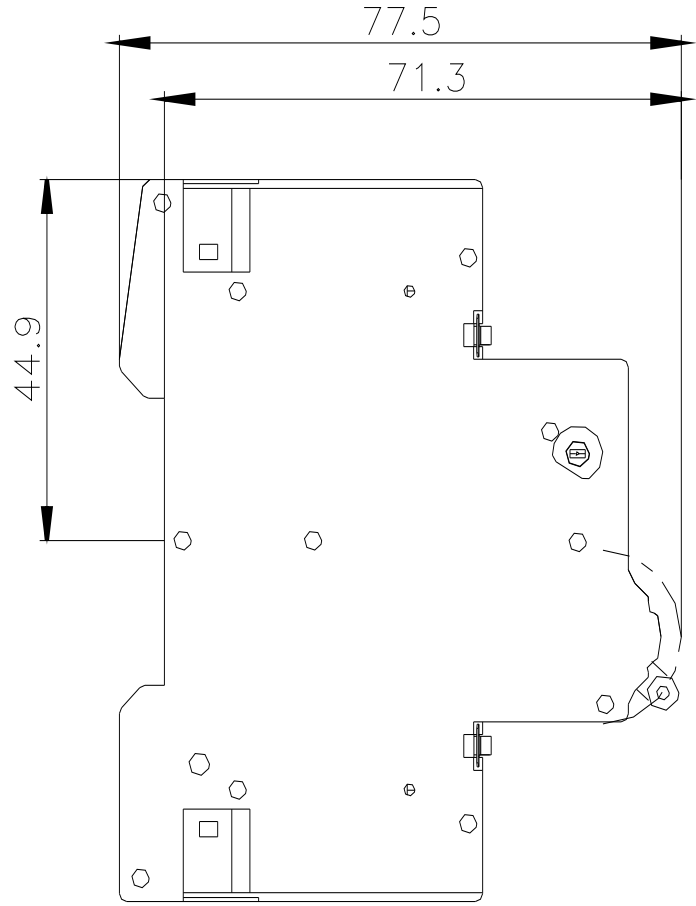
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5ST3010](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3010)

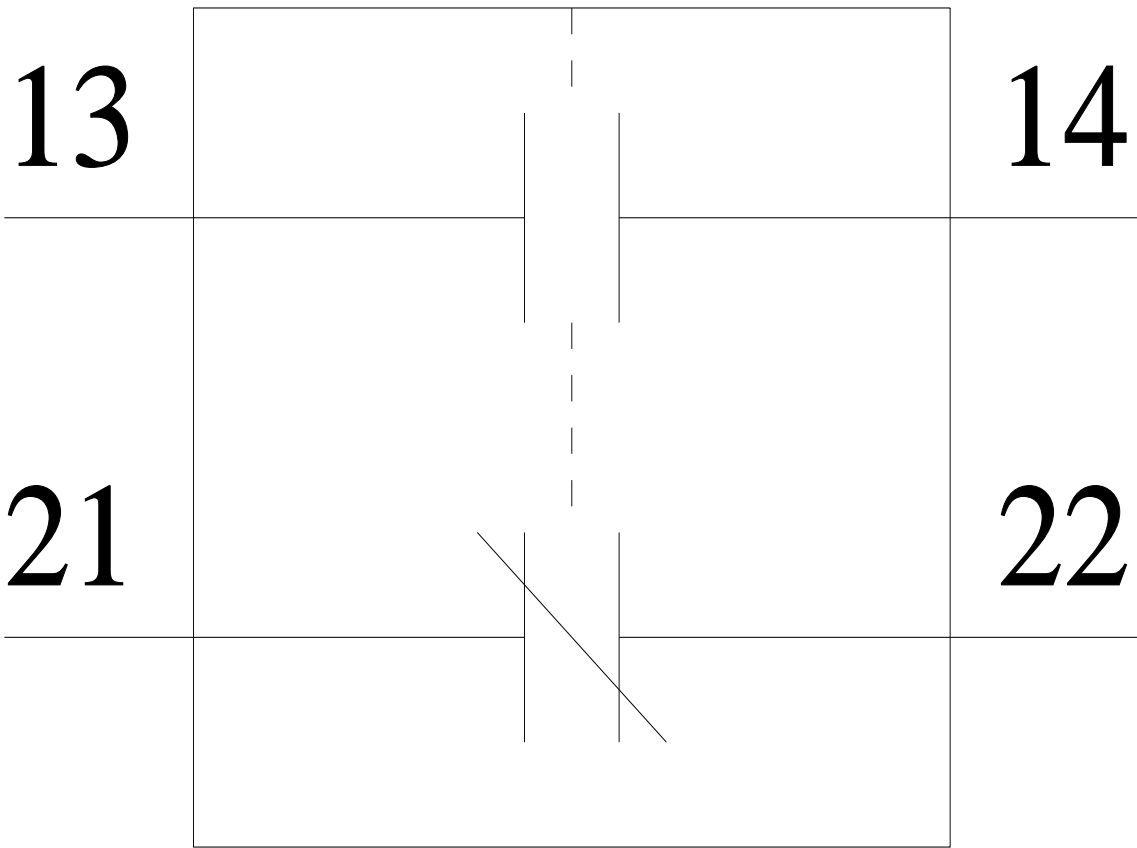
#### CAX-Online-Generator

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

#### Tender specifications

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





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