



auxiliary current switch, low power rating 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 current switch |
| design of the product | Mountable |
| design of the product / factory mounted | No |
| electrical endurance (switching cycles) / typical | 10 000 |
| Voltage | |
| insulation voltage / rated value | 50 V |
| surge voltage resistance / rated value | 0.8 kV |
| Supply voltage | |
| supply voltage / at DC / rated value | |
| • minimum | 5 V |
| operating voltage | |
| • rated value | 30 V |
| • at DC / rated value / minimum | 5 V |
| protection class IP | IP20 |
| Switching capacity | |
| switching capacity current / rated value | 0 A |
| Control current | |
| type of voltage / of control voltage | 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 |
| Connections | |
| connectable conductor cross-section | |
| • minimum | 0.5 mm ² |
| • maximum | 2.5 mm ² |
| tightening torque / with screw-type terminals | |
| • maximum | 1 N·m |
| type of connectable conductor cross-sections / at AWG cables | 24 ... 12 |
| Mechanical Design | |
| height | 90 mm |

| | |
|-------------------------------|-------|
| width | 9 mm |
| depth | 70 mm |
| number of modular width units | 0.5 |
| net weight | 66 g |

Environmental conditions

| | |
|----------------------------------------|--------|
| ambient temperature / during operation | |
| • minimum | -25 °C |
| • maximum | 55 °C |
| ambient temperature / during storage | |
| • minimum permissible | -40 °C |
| • maximum permissible | 75 °C |

| | |
|---------------------------------|----------------------------------|
| General Product Approval | Declaration of Conformity |
|---------------------------------|----------------------------------|

[Confirmation](#)



[Miscellaneous](#)



| | | | |
|----------------------------------|--------------------------|--------------|----------------|
| Declaration of Conformity | Marine / Shipping | other | Railway |
|----------------------------------|--------------------------|--------------|----------------|



[Miscellaneous](#)

[Vibration and Shock](#)

[Confirmation](#)

Further information

- 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=5ST3013>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/5ST3013>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3013
- CAX-Online-Generator
<http://www.siemens.com/cax>
- Tender specifications
<http://www.siemens.com/specifications>



