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## Data sheet 5ST3012



Figure similar

auxiliary switch 2 NC for miniature circuit breakers 5SL, 5SY, 5SP, incorporated switch 5TL1, RCBO 5SU1 (without 5SU1…FP/FR), RCCB 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 |
| **Current** | |
| **operational current at DC rated value** | 0.01 A |
| **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** | 2 |
| **number of NO contacts** | 0 |
| **number of CO contacts** | 0 |
| **product extension can be mounted** | Universal |
| **product extension** | auxiliary switch |
| **Connections** | |
| **connectable conductor cross-section** | |
| ● minimum | 0.5 mm² |
| ● maximum | 2.5 mm² |
| **AWG number as coded connectable conductor cross section** | |
| ● minimum | 24 |
| ● maximum | 12 |


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| | |
|---|---|
| **tightening torque with screw-type terminals** | |
| ● maximum | 0.5 N·m |
| **Mechanical Design** | |
| **height** | 90 mm |
| **width** | 9 mm |
| **depth** | 70 mm |
| **number of modular width units** | 1 |
| **Net Weight** | 63 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 |

**Approvals Certificates**

**Environment**

Environmental Confirmations







Environmental Confirmations

**General Product Approval**







**General Product Approval**




Miscellaneous




Confirmation







**General Product Approval**




**Maritime application**







**other**




Confirmation

Miscellaneous

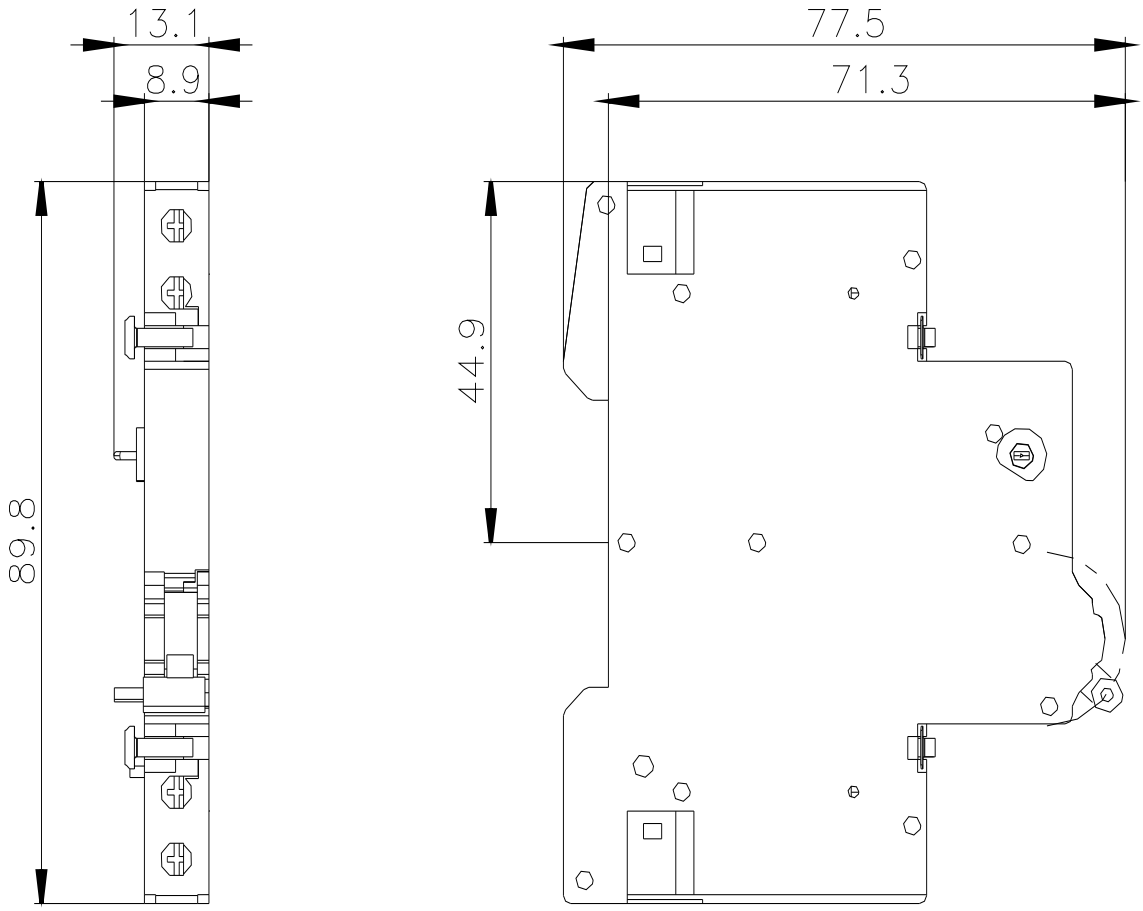
**Railway**

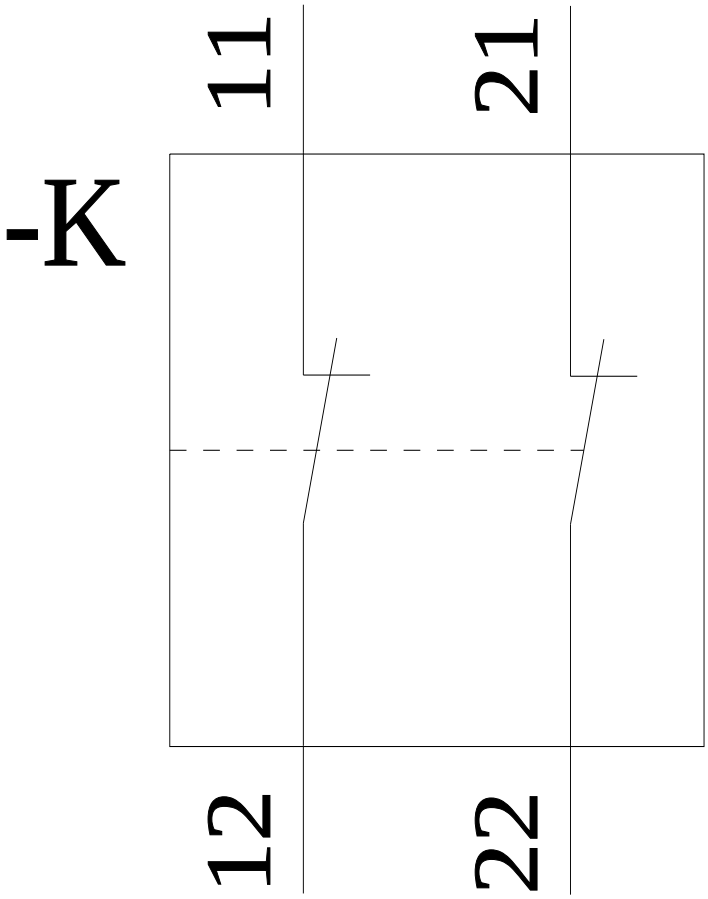
Special Test Certificate

**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=5ST3012
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/5ST3012
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3012
**CAx-Online-Generator**
https://www.siemens.com/cax
**Tender specifications**
https://www.siemens.com/specifications
**Kennlinien**
https://curves.simaris.siemens.com/curves/5ST3012

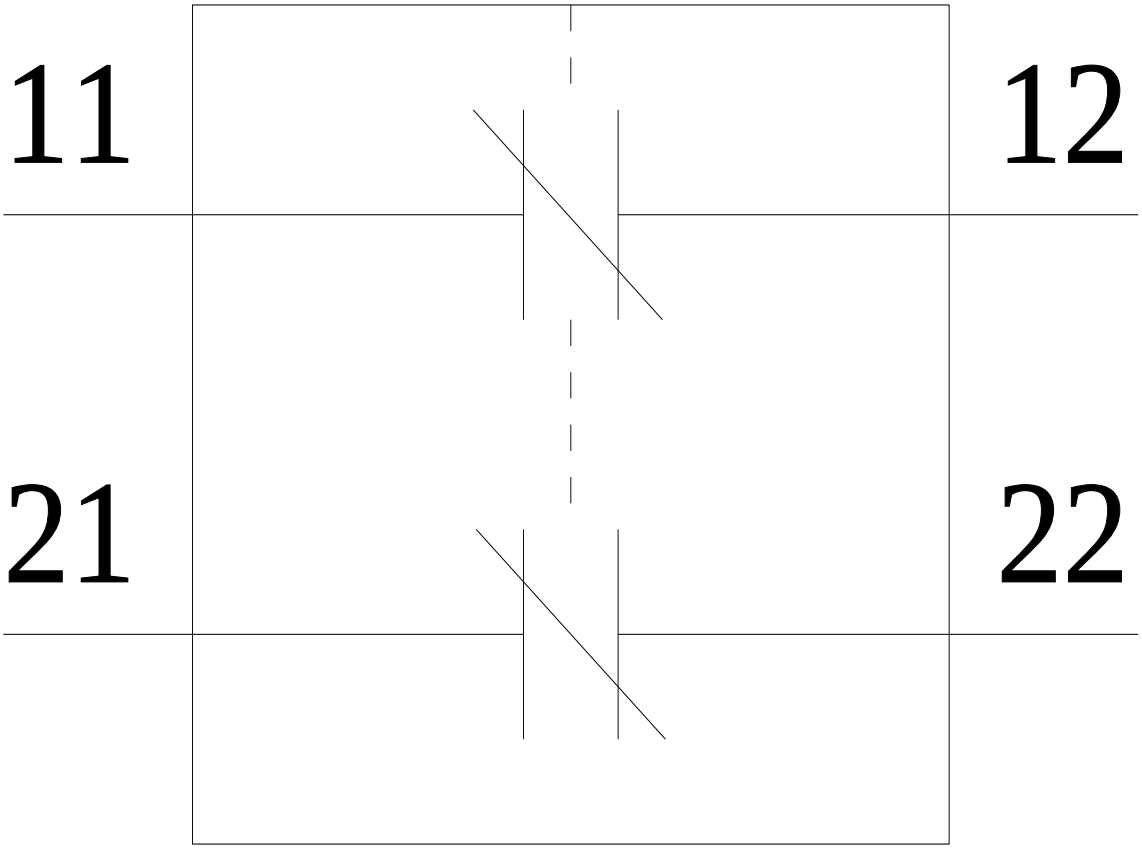

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