



Fault signal contact 1 NO+1 NC, for miniature circuit breaker 5SL, 5SY, 5SP RCBO 5SU1, FI 5SV (for 5SU1 handle coupler 5ST3805-1 is required)

| Model  |                      |
|--|----------------------|
| product brand name   | SETRON               |
| product designation  | Fault signal contact |
| design of the product  | Mountable            |
| design of the product / factory mounted                      | No                   |
| electrical endurance (switching 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                 |
| operating frequency  | 50/60 Hz             |
| protection class IP  | IP20                 |
| Control current  |                      |
| type of voltage / of control voltage                         | AC/DC                |
| Product details  |                      |
| product component  |                      |
| • fault signal contact                                       | Yes                  |
| number of fault signal contacts                              | 1                    |
| number of NC contacts  | 1                    |
| number of NO contacts  | 1                    |
| number of CO contacts  | 0                    |
| product extension / can be mounted                           | Universal            |
| product extension  | Fault signal contact |
| Connections  |                      |
| connectable conductor cross-section                          |                      |
| • minimum  | 0.5 mm <sup>2</sup>  |
| • maximum  | 2.5 mm <sup>2</sup>  |
| 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                             | 56 g                         |
| <b>Environmental conditions</b>        |                              |
| standard                               | IEC/EN60947-5-1; IEC/EN62019 |
| ambient temperature / during operation |                              |
| • minimum                              | -25 °C                       |
| • maximum                              | 55 °C                        |
| ambient temperature / during storage   |                              |
| • minimum permissible                  | -40 °C                       |
| • maximum permissible                  | 75 °C                        |
| <b>General Product Approval</b>        |                              |






[Confirmation](#)



[Miscellaneous](#)



| Declaration of Conformity   | Test Certificates             | Marine / Shipping  | other  |
|---|-------------------------------|--|--|
| <a href="#">UK Declaration of Conformity</a><br><br>EG-Konf. | <a href="#">Miscellaneous</a> | <br>DNV | <br>URS |

### Railway

[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=5ST3020>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5ST3020>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5ST3020](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3020)

**CAX-Online-Generator**

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

**Tender specifications**

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

