



Remote Control Auxiliary 5ST3 Power with extended features (railway approval, extended temperature range) 230V AC / 110V DC; 2 MW; for MCB, RCD, RC units, RCBO, ON/OFF switch

| Model   |  |
|---|--|
| product brand name                              | SENTRON                                    |
| product designation                             | Remote controlled mechanism Power extended |
| design of the product                           | Mountable                                  |
| display version LED                             | Yes  |
| design of the product factory mounted           | No   |
| electrical endurance (operating cycles) typical | 10 000                                     |
| Supply voltage                                  |  |
| operating voltage                               |  |
| • rated value                                   | 110 V                                      |
| • at AC rated value minimum                     | 170 V                                      |
| • at AC rated value maximum                     | 277 V                                      |
| • at DC rated value minimum                     | 77 V                                       |
| • at DC rated value maximum                     | 286 V                                      |
| protection class IP                             | IP20                                       |
| Dissipation                                     |  |
| power loss [V·A] during standby                 | 1 W  |
| Control current                                 |  |
| type of voltage of control voltage              | AC/DC                                      |
| Product details                                 |  |
| product feature interlock                       | Yes  |
| product component                               |  |
| • fault signal contact                          | Yes  |
| • auxiliary switch                              | Yes  |
| number of fault signal contacts                 | 1  |
| number of NC contacts                           | 0  |
| number of NO contacts                           | 0  |
| number of CO contacts                           | 1  |
| design of the auxiliary switch                  | 1 CO contact, 2 A, 250 V AC                |
| product extension can be mounted                | Universal                                  |
| product extension                               | Remote controlled mechanism, extended      |
| type of fault signal contact                    | 1 CO, 5 A, 250 V AC                        |
| number of remote reset per minute               | 2  |
| Connections                                     |  |
| wire length in the control circuit              | 1 500 m                                    |
| connectable conductor cross-section             |  |
| • minimum                                       | 0.5 mm <sup>2</sup>                        |
| • maximum                                       | 1.5 mm <sup>2</sup>                        |
| AWG number as coded connectable conductor cross |  |

|  |          |
|--|----------|
| <b>section</b>                                     |          |
| • minimum  | 30       |
| • maximum  | 14       |
| <b>tightening torque with screw-type terminals</b> |          |
| • minimum  | 0.2 N·m  |
| • maximum  | 0.25 N·m |

#### Mechanical Design

|                                      |       |
|--------------------------------------|-------|
| <b>height</b>                        | 90 mm |
| <b>width</b>                         | 36 mm |
| <b>depth</b>                         | 70 mm |
| <b>number of modular width units</b> | 2     |
| <b>Net Weight</b>                    | 221 g |

#### Environmental conditions

|   |        |
|---|--------|
| <b>ambient temperature during operation</b>       |        |
| • minimum   | -40 °C |
| • maximum   | 70 °C  |
| <b>ambient temperature during storage minimum</b> | -40 °C |

#### Approvals Certificates

|                    |                                 |
|--------------------|---------------------------------|
| <b>Environment</b> | <b>General Product Approval</b> |
|--------------------|---------------------------------|

[Environmental Con-  
firmations](#)

[Environmental Con-  
firmations](#)



[Miscellaneous](#)



#### 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=5ST3071>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5ST3071>

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

[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5ST3071](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3071)

##### CAX-Online-Generator

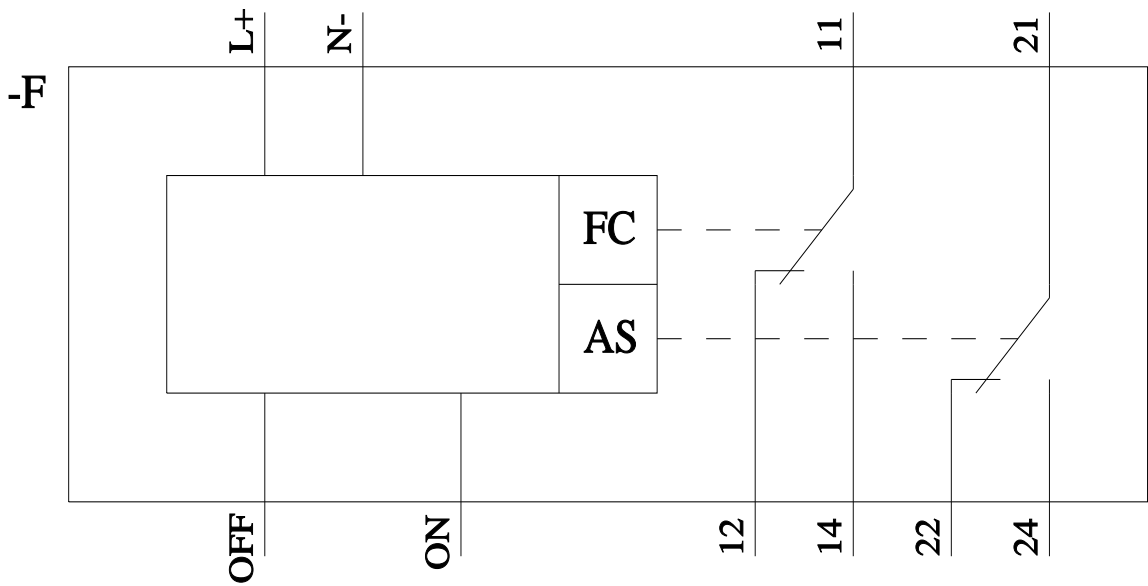
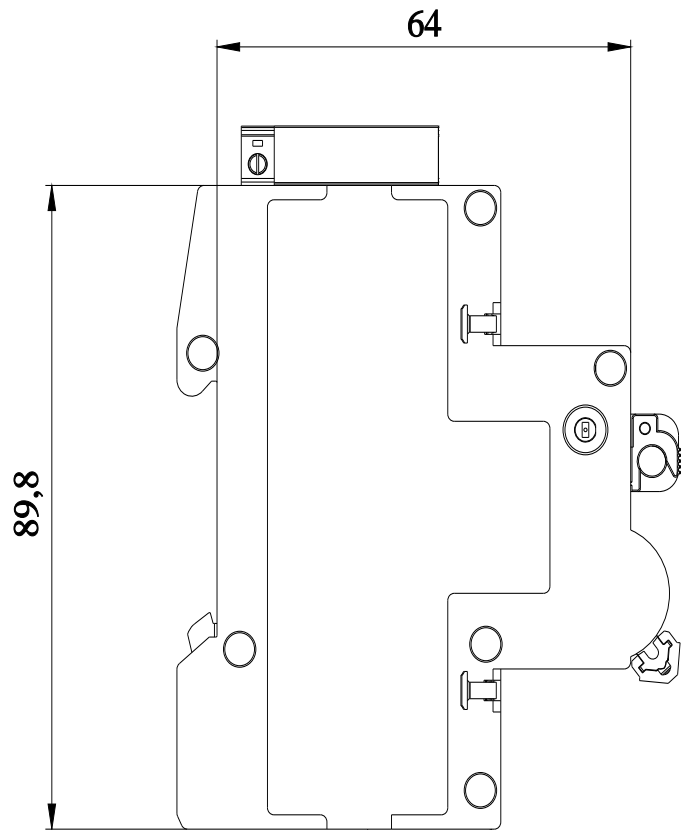
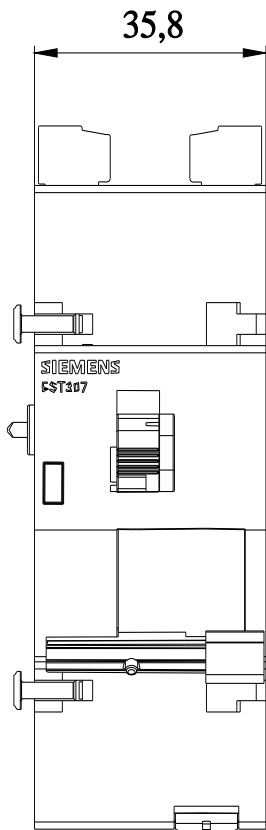
<https://www.siemens.com/cax>

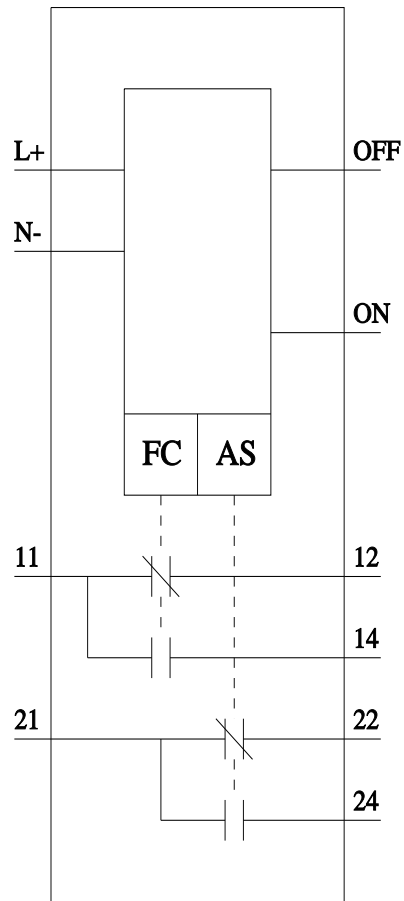
##### Tender specifications

<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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