



switch disconnecter 3VT4 3-pole; switch disconnecter  $I_n=1000A$  rated current without auxiliary release without auxiliary/alarm switch

| Model   |                            |
|---|----------------------------|
| product brand name  | SENTRON                    |
| product designation   | 3VT1_5 switch disconnecter |
| design of the actuating element   | toggle handle              |
| type of the driving mechanism motor drive   | No                         |
| General technical data  |                            |
| type of device  | fixed mounting             |
| size of the circuit-breaker   | 3VT4                       |
| mechanical service life (operating cycles) typical                                  | 10 000                     |
| degree of pollution   | 3                          |
| insulation voltage rated value  | 690 V                      |
| surge voltage resistance rated value  | 8 kV                       |
| operating voltage at DC rated value   | 440 V                      |
| protection class IP   | IP40                       |
| protection class IP on the front  | IP40                       |
| power loss [W] for rated value of the current at AC in hot operating state per pole | 100 W                      |
| operational current rated value   | 1 000 A                    |
| number of CO contacts for auxiliary contacts  | 0                          |
| number of NC contacts for auxiliary contacts  | 0                          |
| number of NO contacts for auxiliary contacts  | 0                          |
| suitability for integration distribution board                                      | Yes                        |
| suitability for use main switch   | Yes                        |
| suitability for use switch disconnecter   | Yes                        |
| suitability for use EMERGENCY OFF switch  | No                         |
| suitability for use safety switch   | No                         |
| suitability for use maintenance/repair switch                                       | Yes                        |
| color of the actuating element  | black                      |
| product feature interlock   | No                         |
| product component   |                            |
| • trip indicator  | No                         |
| • voltage trigger   | No                         |
| • undervoltage release  | No                         |
| • undervoltage release with leading contact   | No                         |
| product extension auxiliary switch  | No                         |
| product extension optional motor drive  | Yes                        |
| product extension optional voltage trigger  | Yes                        |
| display version for switch position indicator                                       | Handle position            |
| Short circuit   |                            |

|  |                      |
|--|----------------------|
| short-circuit current making capacity (I <sub>cm</sub> ) for switch disconnecter without fuse link rated value minimum | 30 kA                |
| arrangement of electrical connectors for main current circuit  | front side           |
| type of electrical connection for main current circuit   | screw-type terminals |



### Mechanical Design

|   |   |
|---|---|
| <b>depth</b>                                | 157 mm  |
| <b>fastening method</b>                     | fixed mounting  |
| <b>mounting position</b>                    | with vertical mounting surface +/-180° rotatable, with vertical mounting surface +/- 30° tiltable to the front and back |
| <b>Net Weight</b>                           | 18.84 kg  |
| <b>ambient temperature during operation</b> |   |
| • minimum                                   | -40 °C  |
| • maximum                                   | 55 °C   |
| <b>ambient temperature during storage</b>   |   |
| • minimum                                   | -40 °C  |
| • maximum                                   | 55 °C   |

### Certificates

|   |   |
|---|---|
| reference code according to IEC 81346-2 | Q |
|---|---|

### Approvals Certificates

| Environment                                 | General Product Approval  | Test Certificates                                  | other   |
|---|---|--|---|
| <a href="#">Environmental Confirmations</a> |  | <a href="#">Confirmation</a>                       |  |
|   |   | <a href="#">Type Test Certificates/Test Report</a> | <a href="#">Confirmation</a>  |

### other



[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=3VT4710-2DE36-0AA0>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)  
<https://support.industry.siemens.com/cs/ww/en/ps/3VT4710-2DE36-0AA0>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)  
[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VT4710-2DE36-0AA0](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VT4710-2DE36-0AA0)
- 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=)

