



switch disconnecter 3VT5 high breaking capacity $I_{cu}=65kA$, 415V AC 3-pole; switch disconnecter no overload protection no short-circuit protection 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 | 3VT5 |
| 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 | 120 W |
| operational current rated value | 1 600 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 _{cm}) for switch disconnecter without fuse link rated value minimum | 40 kA |
| arrangement of electrical connectors for main current circuit | front side |
| type of electrical connection for main current circuit | busbar connection |

Mechanical Design

| | |
|---|---|
| depth | 157 mm |
| fastening method | fixed mounting |
| mounting position | with vertical mounting surface +/-180° rotatable, with vertical mounting surface +/- 30° tiltable to the front and back |
| Net Weight | 23 kg |
| ambient temperature during operation | |
| • minimum | -40 °C |
| • maximum | 55 °C |
| ambient temperature during storage | |
| • minimum | -40 °C |
| • maximum | 55 °C |

Certificates

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

Approvals Certificates

| | | | |
|-------------|--------------------------|-------------------|-------|
| Environment | General Product Approval | Test Certificates | other |
|-------------|--------------------------|-------------------|-------|

[Environmental Conformations](#)



[Confirmation](#)

[Type Test Certificates/Test Report](#)

[Confirmation](#)



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=3VT5716-3DT30-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VT5716-3DT30-0AA0>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VT5716-3DT30-0AA0

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=)



