



SWITCH DISCONNECTOR 3VT3 3-POLE;  
SWITCH DISCONNECTOR IN= 630A RATED CURRENT  
WITHOUT AUXILIARY RELEASE WITHOUT  
AUXILIARY/ALARM SWITCH

Similar to image

| Technical data:                              |     |                                     |
|----------------------------------------------|-----|-------------------------------------|
| Product designation                          |     | 3VT1_5 molded case circuit breakers |
| Width                                        | mm  | 140                                 |
| Height                                       | mm  | 275                                 |
| Depth                                        | mm  | 117                                 |
| Size of the circuit-breaker                  |     | 3VT3                                |
| Acceptability for application                |     | switch disconnecter                 |
| Product function / ground-fault protection   |     | No                                  |
| Continuous current / rated value             | A   | 630                                 |
| Short-time current resistance (Icw)          |     | -                                   |
| Operating voltage / for main current circuit |     |                                     |
| • at 50 Hz / for AC / maximum                | V   | 690                                 |
| • at 60 Hz / for AC / maximum                | V   | 690                                 |
| • for DC / maximum                           | V   | 250                                 |
| Impulse voltage resistance / rated value     | kV  | 8                                   |
| Number of poles                              |     | 3                                   |
| Active power loss / maximum                  | W   | 75                                  |
| Performance class for circuit breaker        |     | N                                   |
| Operating cycles / maximum                   | 1/h | 120                                 |

|                                                                                      |    |                      |
|--------------------------------------------------------------------------------------|----|----------------------|
| <b>Operating frequency</b>                                                           |    |                      |
| • 1 / rated value                                                                    | Hz | 50                   |
| • 2 / rated value                                                                    | Hz | 60                   |
| <b>Breaking capacity limit short-circuit current (Icu)</b>                           |    |                      |
| • at 240 V / rated value                                                             | kA | 60                   |
| • at 415 V / rated value                                                             | kA | 36                   |
| • at 500 V / rated value                                                             | kA | 20                   |
| • at 690 V / rated value                                                             | kA | 15                   |
| <b>Operating short-circuit current breaking capacity (Ics)</b>                       |    |                      |
| • at 240 V / rated value                                                             | kA | 40                   |
| • at 415 V / rated value                                                             | kA | 18                   |
| • at 500 V / rated value                                                             | kA | 10                   |
| • at 690 V / rated value                                                             | kA | 8                    |
| <b>Ultimate short-circuit current making capacity (Icm) / at 415 V / rated value</b> | kA | 75                   |
| <b>Mounting type</b>                                                                 |    | fixed mounting       |
| <b>Design of the electrical connection / for main current circuit</b>                |    | screw-type terminals |
| <b>Arrangement of electrical connectors / for main current circuit</b>               |    | front side           |
| <b>Number of NC contacts / for auxiliary contacts</b>                                |    | 0                    |
| <b>Number of NO contacts / for auxiliary contacts</b>                                |    | 0                    |
| <b>Number of changeover contacts / for auxiliary contacts</b>                        |    | 0                    |
| <b>Product component</b>                                                             |    |                      |
| • undervoltage release mechanism                                                     |    | No                   |
| • Voltage trigger                                                                    |    | No                   |
| • undervoltage release with leading contact                                          |    | No                   |
| <b>Suitability for use / circuit breaker</b>                                         |    | Yes                  |
| <b>Reference code</b>                                                                |    | -                    |
| <b>Reference code / according to DIN EN 61346-2</b>                                  |    | Q                    |
| <b>Ambient temperature</b>                                                           |    |                      |
| • during operating                                                                   |    |                      |
| • minimum                                                                            | °C | -40                  |
| • maximum                                                                            | °C | 70                   |
| • during storage                                                                     |    |                      |
| • minimum                                                                            | °C | -40                  |
| • maximum                                                                            | °C | 70                   |
| <b>Derating temperature / for the rated value of the continuous current</b>          | °C | 55                   |
| <b>Utilization category</b>                                                          |    | A                    |
| <b>Protection class IP</b>                                                           |    | IP40                 |
| <b>Product function</b>                                                              |    |                      |

|                                                                |                                                                                                                         |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| • overload protection                                          | No                                                                                                                      |
| • for zero conductors / short-circuit and overload protection  | No                                                                                                                      |
| <b>mounting position</b>                                       | with vertical mounting surface +/-180° rotatable, with vertical mounting surface +/- 30° tiltable to the front and back |
| <b>Mechanical operating cycles as operating time / typical</b> | 20,000                                                                                                                  |
| <b>Electrical operating cycles as operating time / typical</b> | 5,000                                                                                                                   |

#### Certificates/approvals:

| General Product Approval                                                                  | Declaration of Conformity                                                                     | Test Certificates                                  | other                 |                                             |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------|---------------------------------------------|
| <br>GOST | <br>EG-Konf. | <a href="#">Type Test Certificates/Test Report</a> | <a href="#">other</a> | <a href="#">Environmental Confirmations</a> |

#### Further information:

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

##### Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3VT3763-2DE36-0AA0>

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

<http://support.automation.siemens.com/WW/view/en/3VT3763-2DE36-0AA0/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VT3763-2DE36-0AA0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VT3763-2DE36-0AA0)

##### CAX-Online-Generator

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

last change:

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