

withdrawable circuit breaker 3-pole, size 2 In=2000A to 500V, 50/60Hz AC Icu=66kA at 500V with mechanical lockout device with tripped signaling switch with tripped indicators with guide frame Overcurrent release ETU35WT LSI Setting range according to FS with display Motorized/manual operating mechanism with memory with electrical and mechanical activation Motor and electr. calling for 220...240 V AC, 220...250 V DC Activation solenoid 220...250 V DC without 1st auxiliary release With 2nd auxiliary release Shunt release "F", F2 220...240 V AC, 220...250 V DC switch position-dependent 1st + 2nd auxiliary current switch block 2 NO + 2 NC - 2 CO 2-piece shutter with sealing cap against unauthorized switching off with door sealing frame

| Model   |  |
|---|--|
| product brand name  | SENTRON  |
| product designation   | 3WT air circuit breaker  |
| design of the product   | IEC 60947-2  |
| design of the actuating element   | Pushbutton   |
| type of the driving mechanism   | Motorized operating mechanism 220 - 240 V AC / 220 - 250 V DC, activation solenoid 220 - 240 V AC / 220 - 250 V DC |
| type of the driving mechanism motor drive   | Yes  |
| design of the overcurrent release   | ETU35WT  |
| General technical data  |  |
| number of poles   | 3  |
| Field of application  | CIRCUIT BREAKER  |
| size of the circuit-breaker   | II   |
| mechanical service life (operating cycles) typical  | 10 000   |
| electrical endurance (operating cycles) typical   | 6 000  |
| utilization category  | B  |
| Diken-export Let-through current  | DS_3WT8  |
| Country code  | EN   |
| circuit-breaker Design  | 3WT8   |
| reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750  | Q  |
| Voltage   |  |
| Rated operational voltage Ue max.   | 500 V  |
| Rated insulation voltage Ui   | 1 000 V  |
| <ul style="list-style-type: none"> <li>insulation voltage rated value</li> <li>insulation voltage (Ui) at AC rated value</li> </ul> | 690 V<br>1 000 V   |
| surge voltage resistance rated value  | 12 kV  |
| operating voltage <ul style="list-style-type: none"> <li>at AC at 50/60 Hz rated value</li> </ul>                                   | 500 V  |
| Protection class  |  |
| protection class IP   | IP20   |
| protection function of the overcurrent release  | LSI  |
| Main circuit  |  |
| operating frequency 1 rated value   | 50 Hz  |
| Auxiliary circuit   |  |
| number of CO contacts for auxiliary contacts  | 2  |
| number of NC contacts for auxiliary contacts  | 2  |
| number of NO contacts for auxiliary contacts  | 2  |
| operational current of auxiliary contacts at AC-15 at 230 V   | 6 A  |
| Suitability   |  |
| suitability for use <ul style="list-style-type: none"> <li>disconnecting means</li> </ul>   | Line / motor protection<br>Yes   |
| Adjustable parameters   |  |
| adjustable current response value current of the current-dependent overload release initial value                                   | 800 A  |

| Product details   |   |
|---|---|
| product component   |   |
| • auxiliary switch  | Yes   |
| • voltage trigger   | No  |
| • undervoltage release  | No  |
| product extension optional motor drive                              | No  |
| Product function  |   |
| product function  |   |
| • of thermal overload trip unit                                     | adjustable  |
| • grounding protection  | No  |
| • for neutral conductors short-circuit and overload proof           | No  |
| • overload protection   | Yes   |
| Short circuit   |   |
| operating short-circuit current breaking capacity (Ics)             |   |
| • at 240 V rated value  | 66 kA   |
| • at 415 V rated value  | 66 kA   |
| • at 500 V rated value  | 66 kA   |
| maximum short-circuit current breaking capacity (Icu)               |   |
| • at 240 V rated value  | 66 kA   |
| • at 400 V rated value  | 66 kA   |
| • at 415 V rated value  | 66 kA   |
| • at 440 V rated value  | 66 kA   |
| • at 480 V rated value  | 66 kA   |
| • at 500 V rated value  | 66 kA   |
| Connections   |   |
| arrangement of electrical connectors for main current circuit       | Main connection horizontal on rear (IEC 947-2 standard)   |
| type of connectable conductor cross-sections for auxiliary contacts |   |
| • solid   | 1x (0.5 ... 2.5) mm <sup>2</sup> ; 1x AWG 14  |
| • finely stranded with core end processing                          | 2x 1.0 mm <sup>2</sup>  |
| type of electrical connection for main current circuit              | busbar connection   |
| Mechanical Design   |   |
| fastening method  | drawer unit   |
| mounting position   | with vertical mounting surface +/-180° rotatable, with vertical mounting surface +/- 30° tiltable to the front and back |
| Environmental conditions  |   |
| ambient temperature during operation                                |   |
| • minimum   | -20 °C  |
| • maximum   | 70 °C   |
| ambient temperature during storage                                  |   |
| • minimum   | -40 °C  |
| • maximum   | 80 °C   |
| Certificates  |   |
| reference code  |   |
| • according to EN 61346-2   | Q   |
| • according to IEC 81346-2  | Q   |
| Approvals Certificates  |   |
| General Product Approval  | Test Certificates   |



[Confirmation](#)



[Miscellaneous](#)

|                              |   |   |
|------------------------------|---|---|
| other                        | Dangerous Good                                    | Environment                                       |
| <a href="#">Confirmation</a> | <a href="#">Miscellaneous</a>                     | <a href="#">Transport Information</a>             |
|                              | <a href="#">Environmental Con-<br/>firmations</a> | <a href="#">Environmental Con-<br/>firmations</a> |

#### Further information

**Information on the packaging**

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

**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=3WT8202-5UA74-5AB2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WT8202-5UA74-5AB2>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3WT8202-5UA74-5AB2](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WT8202-5UA74-5AB2)

**CAX-Online-Generator**

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

**Tender specifications**

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

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