

withdrawable circuit breaker 4-pole, size 1 In=1000A to 500V, 50/60Hz AC Icu=66kA at 500V with mechanical lockout device with tripped signaling switch with tripped indicators with guide frame rated short-time current strength ICW 66kA/S, Overcurrent release ETU37WT LSING 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 Auxiliary current switch 2 NC+2 NO 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 operating mechanism | Pushbutton |
| Design of the overcurrent release | ETU37WT |

| General technical data | |
|--|-----------------|
| Number of poles | 4 |
| Field of application | CIRCUIT BREAKER |
| Size of the circuit-breaker | I |
| Electrical endurance (switching cycles) / typical | 10 000 |
| Usage category | B |
| Diken-export / Let-through current | DS_3WT8 |
| Country code | EN |
| circuit-breaker / Design | 3WT8 |
| Mechanical service life (switching cycles) / typical | 16 000 |
| Reference code / acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750 | Q |

| Voltage | |
|--|---------|
| Rated operational voltage Ue / max. | 500 V |
| Rated insulation voltage Ui | 1 000 V |
| Insulation voltage | |
| • rated value | 690 V |
| • at AC / rated value | 1 000 V |
| Surge voltage resistance / rated value | 12 kV |
| Operating voltage | |
| • at AC / at 50/60 Hz / rated value | 500 V |

| Protection class | |
|---|---|
| Protection class IP | IP20 |
| Current | |
| Diken-export / Let-through energy | I2T_3WT8 |
| Short-time withstand current (I _{cw}) | 50 kA |
| <ul style="list-style-type: none"> at AC / at 415 V / limited to 0.5 s / rated value | |
| Main circuit | |
| Operating frequency / 1 / rated value | 50 Hz |
| Auxiliary circuit | |
| Number of CO contacts / for auxiliary contacts | 0 |
| Number of NC contacts / for auxiliary contacts | 2 |
| Number of NO contacts / for auxiliary contacts | 2 |
| Operating current / of auxiliary contacts / at AC-15 / at 230 V | 6 A |
| Suitability | |
| Suitability for use | |
| <ul style="list-style-type: none"> Disconnecting means | Yes |
| Product details | |
| Product component | |
| <ul style="list-style-type: none"> Trip indicator Auxiliary switch | No Yes |
| Product function | |
| Product function | |
| <ul style="list-style-type: none"> Overload protection | Yes |
| Accessories | |
| accessories | Shutter + sealing cap via OFF |
| Short circuit | |
| Maximum short-circuit current breaking capacity (I _{cu}) | |
| <ul style="list-style-type: none"> at 500 V / rated value | 66 kA |
| Mechanical Design | |
| Mounting type | 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 | |
| <ul style="list-style-type: none"> minimum maximum | -20 °C 70 °C |
| Ambient temperature / during storage | |
| <ul style="list-style-type: none"> minimum | -40 °C |

- maximum

80 °C

Certificates

Reference code

- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

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| General Product Approval | Declaration of Conformity | Test Certificates | other |
|--------------------------|---------------------------|-------------------|-------|
|--------------------------|---------------------------|-------------------|-------|



CCC



EG-Konf.

[Special Test Certificate](#)

[Miscellaneous](#)

Further information

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=3WT8105-6UA34-5AB2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WT8105-6UA34-5AB2>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WT8105-6UA34-5AB2

CAX-Online-Generator

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

Tender specifications

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