

fixed-mounted circuit breaker 3-pole, size 2 $I_n=2500A$ to 500V, 50/60Hz AC
 $I_{cu}=66kA$ at 500V with mechanical lockout device with tripped signaling switch with
 tripped indicators Overcurrent release ETU37WT LSING Setting range according
 to FS with display With manual operating mechanism with memory with mechanical
 calling without 1st auxiliary release without 2nd auxiliary release 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 |
| design of the overcurrent release | ETU37WT |
| General technical data | |
| number of poles | 3 |
| Field of application | CIRCUIT BREAKER |
| size of the circuit-breaker | II |
| mechanical service life (operating cycles) typical | 12 000 |
| electrical endurance (operating cycles) typical | 4 000 |
| 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 U_e max. | 500 V |
| Rated insulation voltage U_i | 1 000 V |
| <ul style="list-style-type: none"> insulation voltage rated value insulation voltage (U_i) at AC rated value | 690 V 1 000 V |
| surge voltage resistance rated value | 12 kV |
| operating voltage <ul style="list-style-type: none"> at AC at 50/60 Hz rated value | 500 V |
| Protection class | |
| protection class IP | IP20 |
| 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 |
| operational 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 |
| Short circuit | |
| maximum short-circuit current breaking capacity (I_{cu}) | |

- at 500 V rated value

66 kA

Connections

type of connectable conductor cross-sections for auxiliary contacts

- solid
- finely stranded with core end processing

1x (0.5 ... 2.5) mm²; 1x AWG 14
2x 1.0 mm²

Mechanical Design

fastening method

fixed mounting

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
- maximum

-20 °C
70 °C

ambient temperature during storage

- minimum
- maximum

-40 °C
80 °C

Certificates

reference code

- according to EN 61346-2
- according to IEC 81346-2

Q
Q

Approvals Certificates

General Product Approval

[Confirmation](#)



[Miscellaneous](#)

| General Product Approval | EMV | Test Certificates | other | Railway |
|--------------------------|-----|-------------------|-------|---------|
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[Miscellaneous](#)

[Confirmation](#)

[Miscellaneous](#)

[Confirmation](#)

| Railway | Dangerous Good | Environment |
|---------|----------------|-------------|
|---------|----------------|-------------|

[Special Test Certificate](#)

[Transport Information](#)

[Environmental Confirmations](#)



[Environmental Confirmations](#)

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=3WT8252-6AA00-0AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WT8252-6AA00-0AA2>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WT8252-6AA00-0AA2

CAX-Online-Generator

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

Tender specifications

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

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