

withdrawable circuit breaker 4-pole, size 1 In=1250A 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, rear vertical connection on top rear horizontal connection on bottom 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 110...127 V AC, 110...125 V DC Activation solenoid 24 V DC without 1st auxiliary release With 2nd auxiliary release Shunt release "F", F2 24 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<sub>cw</sub>)

• at AC / at 415 V / limited to 0.5 s / rated value

50 kA

### 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

• Disconnecting means

Yes

### Product details

Product component

• Trip indicator

No

• Auxiliary switch

Yes

### Product function

Product function

• Overload protection

Yes

### Accessories

accessories

Shutter + sealing cap via OFF

### Short circuit

Maximum short-circuit current breaking capacity (I<sub>cu</sub>)

• 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

• minimum

-20 °C

• maximum

70 °C

Ambient temperature / during storage	
• minimum	-40 °C
• maximum	80 °C

### Certificates

Reference code	
• acc. to DIN EN 61346-2	Q
• acc. to DIN EN 81346-2	Q

<b>Declaration of Conformity</b>	<b>Test Certificates</b>	<b>other</b>
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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=3WT8125-6LA17-5AB2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WT8125-6LA17-5AB2>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3WT8125-6LA17-5AB2](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WT8125-6LA17-5AB2)

**CAX-Online-Generator**

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

**Tender specifications**

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