

withdrawable circuit breaker 3-pole, size 1 In=1600A 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 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 2-piece shutter with sealing cap against unauthorized switching off with door sealing frame

Model	
Product brand name	SETRON
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	3
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
<b>Main circuit</b>	
Operating frequency / 1 / rated value	50 Hz
<b>Auxiliary circuit</b>	
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
<b>Suitability</b>	
Suitability for use	
• Disconnecting means	Yes
<b>Product details</b>	
Product component	
• Trip indicator	No
• Auxiliary switch	Yes
<b>Product function</b>	
Product function	
• Overload protection	Yes
<b>Accessories</b>	
accessories	Shutter + sealing cap via OFF
<b>Short circuit</b>	
Maximum short-circuit current breaking capacity (I <sub>cu</sub> )	
• at 500 V / rated value	66 kA
<b>Mechanical Design</b>	
Mounting type	drawer unit
Mounting position	with vertical mounting surface +/-180° rotatable, with vertical mounting surface +/- 30° tiltable to the front and back
<b>Environmental conditions</b>	
Ambient temperature / during operation	
• minimum	-20 °C
• maximum	70 °C
Ambient temperature / during storage	
• minimum	-40 °C
• maximum	80 °C
<b>Certificates</b>	
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
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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=3WT8161-6AA04-5AB2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WT8161-6AA04-5AB2>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3WT8161-6AA04-5AB2](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WT8161-6AA04-5AB2)

### CAX-Online-Generator

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

### Tender specifications

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