

withdrawable circuit breaker 4-pole, size 1 In=800A 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 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	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	4
Field of application	CIRCUIT BREAKER
size of the circuit-breaker	I
mechanical service life (operating cycles) typical	16 000
electrical endurance (operating cycles) typical	10 000
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
insulation voltage rated value	690 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
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	
• disconnecting means	Yes
Product details	
product component	
• trip indicator	No
• auxiliary switch	Yes
Product function	
product function	
• overload protection	Yes
Short circuit	
maximum short-circuit current breaking capacity (Icu)	
• at 500 V rated value	66 kA

Connections	
type of connectable conductor cross-sections for auxiliary contacts	
<ul style="list-style-type: none"> <li>solid</li> <li>finely stranded with core end processing</li> </ul>	1x (0.5 ... 2.5) mm <sup>2</sup> ; 1x AWG 14 2x 1.0 mm <sup>2</sup>
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	
<ul style="list-style-type: none"> <li>minimum</li> <li>maximum</li> </ul>	-20 °C 70 °C
ambient temperature during storage	
<ul style="list-style-type: none"> <li>minimum</li> <li>maximum</li> </ul>	-40 °C 80 °C
Certificates	
reference code	
<ul style="list-style-type: none"> <li>according to EN 61346-2</li> <li>according to IEC 81346-2</li> </ul>	Q Q

Approvals Certificates	
General Product Approval	Test Certificates

[Confirmation](#)



[Miscellaneous](#)

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

Further information
Information on the packaging <a href="https://support.industry.siemens.com/cs/ww/en/view/109813875">https://support.industry.siemens.com/cs/ww/en/view/109813875</a> Information- and Downloadcenter (Catalogs, Brochures,...) <a href="http://www.siemens.com/lowvoltage/catalogs">http://www.siemens.com/lowvoltage/catalogs</a> Industry Mall (Online ordering system) <a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WT8085-6AA04-5AB2">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WT8085-6AA04-5AB2</a> Service&Support (Manuals, Certificates, Characteristics, FAQs,...) <a href="https://support.industry.siemens.com/cs/ww/en/ps/3WT8085-6AA04-5AB2">https://support.industry.siemens.com/cs/ww/en/ps/3WT8085-6AA04-5AB2</a> Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) <a href="http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WT8085-6AA04-5AB2">http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WT8085-6AA04-5AB2</a> CAx-Online-Generator <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a> Tender specifications <a href="http://www.siemens.com/specifications">http://www.siemens.com/specifications</a>

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