

withdrawable circuit breaker 3-pole, size 1  $I_n=1250A$  to 500V, 50/60Hz AC  $I_{cu}=66kA$  at 500V with mechanical lockout device with tripped signaling switch with tripped indicators with guide frame rated short-time current strength ICW 66kA/S, 3-pole Overcurrent release ETU35WT LSI 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	ETU35WT
General technical data	
number of poles	3
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 $U_e$ max.	500 V
Rated insulation voltage $U_i$	1 000 V
<ul style="list-style-type: none"> <li>insulation voltage rated value</li> <li>insulation voltage (<math>U_i</math>) at AC rated value</li> </ul>	690 V 1 000 V
surge voltage resistance rated value	12 kV
operating voltage <ul style="list-style-type: none"> <li>at AC at 50/60 Hz rated value</li> </ul>	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"> <li>disconnecting means</li> </ul>	Yes
Product details	
product component <ul style="list-style-type: none"> <li>trip indicator</li> <li>auxiliary switch</li> </ul>	No Yes
Product function	
product function <ul style="list-style-type: none"> <li>overload protection</li> </ul>	Yes
Short circuit	

maximum short-circuit current breaking capacity (Icu)	
• at 500 V rated value	66 kA
<b>Connections</b>	
type of connectable conductor cross-sections for auxiliary contacts	
• solid	1x (0.5 ... 2.5) mm <sup>2</sup> ; 1x AWG 14
• finely stranded with core end processing	2x 1.0 mm <sup>2</sup>
<b>Mechanical Design</b>	
fastening method	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	
• according to EN 61346-2	Q
• according to IEC 81346-2	Q
<b>Approvals Certificates</b>	
<b>General Product Approval</b>	



[Confirmation](#)



Test Certificates	other		Dangerous Good	Environment	
<a href="#">Miscellaneous</a>	<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>

<b>Further information</b>
<p>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></p> <p>Information- and Downloadcenter (Catalogs, Brochures,...)  <a href="http://www.siemens.com/lowvoltage/catalogs">http://www.siemens.com/lowvoltage/catalogs</a></p> <p>Industry Mall (Online ordering system)  <a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WT8121-5AA04-5AB2">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WT8121-5AA04-5AB2</a></p> <p>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)  <a href="https://support.industry.siemens.com/cs/ww/en/ps/3WT8121-5AA04-5AB2">https://support.industry.siemens.com/cs/ww/en/ps/3WT8121-5AA04-5AB2</a></p> <p>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)  <a href="http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WT8121-5AA04-5AB2">http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WT8121-5AA04-5AB2</a></p> <p>CAX-Online-Generator  <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a></p> <p>Tender specifications  <a href="http://www.siemens.com/specifications">http://www.siemens.com/specifications</a></p>

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