SIEMENS

Data sheet

3WT8125-5AA00-0AA2

fixed-mounted 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 rated short-time current strength ICW 66kA/S, 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 With door sealing frame with sealing cap against unauthorized switching off

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	ETU35WT	

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	В	
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	Q	
according to IEC 204-2 / acc. to IEC 750		

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

Short-time withstand current (lew) • at AC / at 415 V / limited to 0.5 s / rated value Main circuit Operating frequency / 1 / rated value So Hz Auxiliary circuit Number of CC contacts / for auxiliary contacts Number of NC contacts / for auxiliary contacts 2 Number of NC contacts / for auxiliary contacts 2 Operating current / of auxiliary contacts / at AC-15 / at 230 V Suitability Suitability Suitability Suitability for use • Disconnecting means Product details Product component • Trip indicator • Auxiliary switch Product function • Overload protection *Product function • Overload protection Accessories Accessories No further Z accessories Short circuit Maximum short-circuit current breaking capacity (lcu) • at 500 V / rated value Mechanical Design Mounting type fixed mounting Mounting position Fixed mounting surface +/-30° tiltable to the front and back Environmental conditions Ambient temperature / during operation • minimum • maximum - 70 °C Ambient temperature / during storage • minimum • maximum • maximum • maximum • maximum • maximum • maximum • Reference code	Diken-export / Let-through energy	12T_3WT8		
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	• maximum	80 °C		
	Certificates			

• acc. to DIN EN 61346-2

• acc. to DIN EN 81346-2

General Product	Declaration of Con-	Test Certificates	other
Approval	formity		

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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=3WT8125-5AA00-0AA2

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

https://support.industry.siemens.com/cs/ww/en/ps/3WT8125-5AA00-0AA2

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WT8125-5AA00-0AA2

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications