




withdrawable circuit breaker 4-pole, size 2 In=2500A 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 Motorized/manual operating mechanism with memory with electrical and mechanical activation Motor and electr. calling for 220...240 V AC, 220...250 V DC Activation solenoid 220...250 V DC without 1st auxiliary release With 2nd auxiliary release Shunt release "F", F2 220...240 V AC, 220...250 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 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	II
mechanical service life (operating cycles) typical	12 000
electrical endurance (operating cycles) typical	4 000
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)		66 kA	
● at 500 V rated value			
Connections			
type of connectable conductor cross-sections for auxiliary contacts			
● solid		1x (0.5 ... 2.5) mm2; 1x AWG 14	
● finely stranded with core end processing		2x 1.0 mm2	
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			
● minimum		-20 °C	
● maximum		70 °C	
ambient temperature during storage			
● minimum		-40 °C	
● maximum		80 °C	
Certificates			
reference code			
● according to EN 61346-2		Q	
● according to IEC 81346-2		Q	
Approvals Certificates			
General Product Approval		Test Certificates	other
		Confirmation	
			
		Miscellaneous	Miscellaneous
other		Dangerous goods	Environment
Confirmation		Transport Information	Environmental Con- firmations
			Environmental Con- firmations
Further information			
Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875			
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=3WT8256-6UA34-5AB2			
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3WT8256-6UA34-5AB2			
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WT8256-6UA34-5AB2			
CAx-Online-Generator http://www.siemens.com/cax			
Tender specifications http://www.siemens.com/specifications			

last modified:

3/19/2020 

