



CIRCUIT BREAKER 3VT2 HIGH SWITCHING CAPACITY
 ICU=65KA,
 415V AC 4-POLE;
 CIRCUIT BREAKER W/O ELECTRONIC TRIP UNIT N
 MEASURED + SWITCHED W/O AUXILIARY TRIP UNIT
 W/O AUXILIARY/ALARM SWITCH WITHOUT AUXILIARY
 RELEASE WITHOUT AUXILIARY/ALARM SWITCH OHNE
 HILFSAUSLOESER

Technical data:		
Product designation		3VT1_5 molded case circuit breakers
Width	mm	140
Height	mm	225
Depth	mm	117
Size of the circuit-breaker		3VT2
Product function / ground-fault protection		No
Continuous current / rated value	A	250
Short-time current resistance (Icw)		-
Operating voltage / for main current circuit		
• at 50 Hz / for AC / maximum	V	690
• at 60 Hz / for AC / maximum	V	690
• for DC / maximum	V	440
Impulse voltage resistance / rated value	kV	8
Number of poles		4
Active power loss / maximum	W	18
Operating cycles / maximum	1/h	120
Operating frequency		
• 1 / rated value	Hz	50
• 2 / rated value	Hz	60
Breaking capacity limit short-circuit current (Icu)		
• at 240 V / rated value	kA	100
• at 415 V / rated value	kA	65
• at 500 V / rated value	kA	25
• at 690 V / rated value	kA	13
Operating short-circuit current breaking capacity (Ics)		
• at 240 V / rated value	kA	50
• at 415 V / rated value	kA	36

• at 500 V / rated value	kA	13
• at 690 V / rated value	kA	8
Ultimate short-circuit current making capacity (I_{cm}) / at 415 V / rated value	kA	75
Mounting type		fixed mounting
Design of the electrical connection / for main current circuit		box terminals
Arrangement of electrical connectors / for main current circuit		front side
Number of NC contacts / for auxiliary contacts		0
Number of NO contacts / for auxiliary contacts		0
Number of changeover contacts / for auxiliary contacts		0
Product component		
• undervoltage release mechanism		No
• Voltage trigger		No
• undervoltage release with leading contact		No
Suitability for use / circuit breaker		Yes
Reference code		-
Reference code / according to DIN EN 61346-2		Q
Ambient temperature		
• during operating		
• minimum	°C	-40
• maximum	°C	70
• during storage		
• minimum	°C	-40
• maximum	°C	70
Derating temperature / for the rated value of the continuous current	°C	70
Utilization category		A
Protection class IP		IP40
Product function		
• overload protection		No
• for zero conductors / short-circuit and overload protection		No
mounting position		with vertical mounting surface +/-180° rotatable, with vertical mounting surface +/- 30° tiltable to the front and back
Mechanical operating cycles as operating time / typical		30,000
Electrical operating cycles as operating time / typical		3,000

Certificates/approvals:

General Product Approval	Declaration of Conformity	Test Certificates	other
 GOST	 EG-Konf.	Type Test Certificates/Test Report	other

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3VT2725-3AA53-0AA0>

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

<http://support.automation.siemens.com/WW/view/en/3VT2725-3AA53-0AA0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VT2725-3AA53-0AA0

CAX-Online-Generator

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

last change:

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