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Product data sheet 3VT3763-2EE46-0AA0

Similar to image

SWITCH DISCONNECTOR 3VT3 4-POLE;
SWITCH DISCONNECTOR IN= 630A RATED CURRENT WITHOUT AUXILIARY RELEASE WITHOUT AUXILIARY/ALARM SWITCH

Technical data:		
Product designation		3VT1_5 molded case circuit breakers
Width	mm	185
Height	mm	275
Depth	mm	117
Size of the circuit-breaker		3VT3
Acceptability for application		switch disconnector
Product function / ground-fault protection		No
Continuous current / rated value	A	630
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	75
Performance class for circuit breaker		N
Operating cycles / maximum	1/h	120

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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	60
• at 415 V / rated value	kA	36
• at 500 V / rated value	kA	20
• at 690 V / rated value	kA	15
Operating short-circuit current breaking capacity (Ics)		
• at 240 V / rated value	kA	40
• at 415 V / rated value	kA	18
• at 500 V / rated value	kA	10
• at 690 V / rated value	kA	8
Ultimate short-circuit current making capacity (Icm) / at 415 V / rated value	kA	75
Mounting type		fixed mounting
Design of the electrical connection / for main current circuit		screw-type 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	55
Utilization category		A
Protection class IP		IP40
Product function		

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• 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		20,000
Electrical operating cycles as operating time / typical		5,000

Certificates/approvals:

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

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/3VT3763-2EE46-0AA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3VT3763-2EE46-0AA0/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VT3763-2EE46-0AA0

CAx-Online-Generator
http://www.siemens.com/cax

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