



SWITCH DISCONNECTOR 3VT5 3-POLE;
SWITCH DISCONNECTOR IN= 1600A RATED CURRENT
W/O AUXILIARY TRIP UNIT WITHOUT AUXILIARY/ALARM
SWITCH

Similar to image

Technical data:

Product designation		3VT1_5 molded case circuit breakers
Width	mm	210
Height	mm	494
Depth	mm	157
Size of the circuit-breaker		3VT5
Acceptability for application		switch disconnecter
Product function / ground-fault protection		No
Continuous current / rated value	A	1,600
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	250
Impulse voltage resistance / rated value	kV	8
Number of poles		3
Active power loss / maximum	W	120
Performance class for circuit breaker		N
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	85
• at 415 V / rated value	kA	65
• at 500 V / rated value	kA	45
• at 690 V / rated value	kA	20
Operating short-circuit current breaking capacity (Ics)		
• at 240 V / rated value	kA	45
• at 415 V / rated value	kA	36
• at 500 V / rated value	kA	30
• at 690 V / rated value	kA	20
Ultimate short-circuit current making capacity (Icm) / at 415 V / rated value	kA	140
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	50
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	10,000
Electrical operating cycles as operating time / typical	4,000

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/3VT5716-2DE36-0AA0>

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

<http://support.automation.siemens.com/WW/view/en/3VT5716-2DE36-0AA0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VT5716-2DE36-0AA0

CAX-Online-Generator

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

last change:

Jun 16, 2014