SIEMENS

Product data sheet 3VL5763-3EJ46-2HC1

Similar to image

CIRCUIT-BREAKER VL 630L VERY HIGH BREAKING CAPACITY ICU=100KA / 415 V AC 4 POLE,
LINE PROTECTION OVERCURRENT RELEASE TM,
LI IN=630A, RATED CURRENT IR=500-630A,
OVERLOAD II=3250-6500A,
SHORT CIRCUIT N NOT PROTECTED UNDERVOLTAGE RELEASE 220 - 250 V AC AUXILIARY SWITCH KIT 4HS(2NO+2NC)

General technical data:		
Number of poles		4
Design of the overcurrent release		TM
Acceptability for application		system protection
Utilization category		A
Electrical operating cycles as operating time / typical		5,000
Mechanical operating cycles as operating time / typical		10,000
Active power loss / maximum	W	230
Product component		
• auxiliary switch		Yes
• Voltage trigger		No
• undervoltage release mechanism		Yes
• undervoltage release with leading contact		No
Product function		
• of the thermal overload release		adjustable
• ground-fault protection		No
• for zero conductors / short-circuit and overload protection		No
• overload protection		Yes
Operating cycles / maximum	1/s	60
Protection class IP		IP20
Protective function of the overcurrent release		LI
Impulse voltage resistance / rated value	kV	8
Ambient temperature		
• during operating	°C	0 … 70
• during storage	°C	-40 … +80

Main circuit:		
Insulation voltage / for AC / rated value	V	800
Operating frequency		

• 1 / rated value	Hz	50
• 2 / rated value	Hz	60
Reference code		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		Q
• according to DIN EN 61346-2		Q
Operating voltage / for main circuit		
• at 50 Hz / with AC		
• maximum	V	690
• at 60 Hz / with AC		
• maximum	V	690
Operating voltage / for main current circuit / for DC		
• maximum	V	500
Operating current		
• at 40 °C / rated value	A	630
• at 50 °C / rated value	A	630
• at 60 °C / rated value	A	585.9
• at 70 °C / rated value	A	541.8
Continuous current / rated value	A	630
Derating temperature / for the rated value of the continuous current	°C	50

Auxiliary circuit:		
Number of NC contacts / for auxiliary contacts		2
Number of NO contacts / for auxiliary contacts		2

Short-circuit:		
Adjustable response current		
• of the current-dependent overload release	A	504 … 630
• of the non-delayed short-circuit release	A	3,150 … 6,300
Breaking capacity limit short-circuit current (Icu) / at 415 V / rated value	kA	100

Installation/mounting/dimensions:		
Mounting type		fixed mounting
Height	mm	279.5
Width	mm	253.5
Depth	mm	138.5

Connections:		
Arrangement of electrical connectors / for main current circuit		front side
Design of the electrical connection / for main current circuit		screw-type terminals

Type of the connectable conductor cross-section		
• for auxiliary contacts		
• solid		0.75 ... 1.5 mm²
• finely stranded / with conductor end processing		0,75 ... 1.0 mm²

Certificates/approvals:

General Product Approval		Declaration of Conformity	Test Certificates
CCC	TSE	EG-Konf.	Special Test Certificate

Shipping Approval

BUREAU VERITAS | DNV | GL | PRS | RINA | RMRS

other

Confirmation | 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/3VL5763-3EJ46-2HC1

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3VL5763-3EJ46-2HC1/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VL5763-3EJ46-2HC1

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

Tender specifications
Datanorm GAEB81 GAEB83 RTF TXT

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