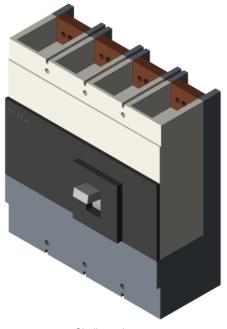
# SIEMENS

## **Product data sheet**

### 3VL5750-1EJ46-0AA0



CIRCUIT-BREAKER VL 630N STANDARD SWITCHING CAPACITY ICU=55KA / 415 V AC 4 POLE, LINE PROTECTION OVERCURRENT RELEASE TM, LI IN=500A, RATED CURRENT IR=400-500A, OVERLOAD II=2500-5000A, SHORT CIRCUIT N NOT PROTECTED

Similar to image

General technical data:			
Ambient temperature / during operating	°C	-25 70	
Number of poles		4	
Product function			
overload protection		Yes	
• of the thermal overload release		adjustable	
ground-fault protection		No	
for zero conductors / short-circuit and overload protection		No	
Product component			
auxiliary switch		No	
undervoltage release mechanism		No	
Voltage trigger		No	
undervoltage release with leading contact		No	
Protection class IP		IP20	
Protective function of the overcurrent release		Ц	
Design of the overcurrent release		ТМ	
Active power loss / maximum	W	230	
Derating temperature / for the rated value of the continuous current	°C	50	

Item designation		
<ul> <li>according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</li> </ul>		Q
according to DIN EN 61346-2		Q
Main circuit:		
Continuous current / rated value	А	500
Adjustable response current		
of the non-delayed short-circuit release	А	2,500 5,000
• of the current-dependent overload release	А	400 500
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	500
Auxiliary circuit:		
Number of NC contacts / for auxiliary contacts		0
Number of NO contacts / for auxiliary contacts		0
Number of change-over switches / for auxiliary contacts		0
Short-circuit:		
Breaking capacity limit short-circuit current (Icu)		
• at 415 V / rated value	kA	55
Installation/mounting/dimensions:		
Type of mounting		fixed mounting
Width	mm	253.5
Height	mm	279.5
Depth	mm	138.5
Connections:		
Design of the electrical connection		
for main current circuit		screw-type terminals
Arrangement of electrical connectors		
for main current circuit		front side
Certificates/approvals:		
Acceptability for application		system protection
Certificates/approvals:		
Further information.		

Further information:

#### Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

http://www.siemens.com/lowvoltage/mall

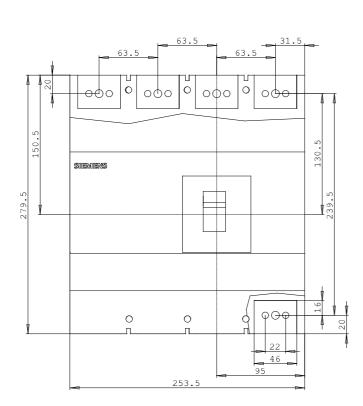
## Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

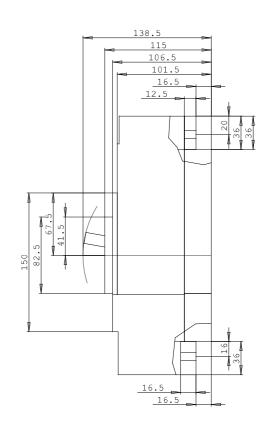
http://support.automation.siemens.com/WW/view/en/3VL5750-1EJ46-0AA0/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3VL5750-1EJ46-0AA0

#### CAx-Online-Generator

http://www.siemens.com/cax





#### last change:

Nov 5, 2011