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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

**General technical data:**

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

<b>Item designation</b>		
<ul style="list-style-type: none"> <li>• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</li> </ul>		Q
<ul style="list-style-type: none"> <li>• according to DIN EN 61346-2</li> </ul>		Q

### Main circuit:

<b>Continuous current / rated value</b>	A	500
<b>Adjustable response current</b>		
<ul style="list-style-type: none"> <li>• of the non-delayed short-circuit release</li> </ul>	A	2,500 ... 5,000
<ul style="list-style-type: none"> <li>• of the current-dependent overload release</li> </ul>	A	400 ... 500
<b>Operating voltage / for main current circuit</b>		
<ul style="list-style-type: none"> <li>• at 50 Hz / for AC / maximum</li> </ul>	V	690
<ul style="list-style-type: none"> <li>• at 60 Hz / for AC / maximum</li> </ul>	V	690
<ul style="list-style-type: none"> <li>• for DC / maximum</li> </ul>	V	500

### Auxiliary circuit:

<b>Number of NC contacts / for auxiliary contacts</b>		0
<b>Number of NO contacts / for auxiliary contacts</b>		0
<b>Number of change-over switches / for auxiliary contacts</b>		0

### Short-circuit:

<b>Breaking capacity limit short-circuit current (I<sub>cu</sub>)</b>		
<ul style="list-style-type: none"> <li>• at 415 V / rated value</li> </ul>	kA	55

### Installation/mounting/dimensions:

<b>Type of mounting</b>		fixed mounting
<b>Width</b>	mm	253.5
<b>Height</b>	mm	279.5
<b>Depth</b>	mm	138.5

### Connections:

<b>Design of the electrical connection</b>		
<ul style="list-style-type: none"> <li>• for main current circuit</li> </ul>		screw-type terminals
<b>Arrangement of electrical connectors</b>		
<ul style="list-style-type: none"> <li>• for main current circuit</li> </ul>		front side

### Certificates/approvals:

<b>Acceptability for application</b>		system protection
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### Certificates/approvals:

### Further information:

