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CIRCUIT-BREAKER VL 630N STANDARD SWITCHING CAPACITY ICU=55KA / 415 V AC 3 POLE, LINE PROTECTION OVERCURRENT RELEASE TM, LI IN=630A, RATED CURRENT IR=500-630A, OVERLOAD II=3250-6500A, SHORT CIRCUIT

General technical data:

Ambient temperature / during operating phase	°C	-25 ... 70
Number of poles		3
Product function		
• overload protection		Yes
• of the thermal overload release		adjustable
• for zero conductors / short-circuit and overload protection		No
Product component		
• auxiliary switch		No
• undervoltage release mechanism		No
• Voltage trigger		No
Protection class IP		IP20
Protective function of the overcurrent release		LI
Design of the overcurrent release		TM
Derating temperature / for the rated value of the continuous current	°C	50
• acc. to UL 489	°C	40
Item designation		
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		Q

- according to DIN EN 61346-2

Q

Main circuit:

Continuous current / rated value

A 630

Adjustable response current

- of the non-delayed short-circuit release
- of the current-dependent overload release

A 3,150 ... 6,300
A 500 ... 630

Operating voltage / for main current circuit

- at 50 Hz / for AC / maximum
- at 60 Hz / for AC / maximum
- at 50 Hz / for AC / acc. to UL 489 / maximum
- at 60 Hz / for AC / acc. to UL 489 / maximum
- for DC / acc. to UL 489 / maximum
- for DC / maximum

V 690
V 690
V 600
V 600
V 500
V 600

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 (I_{cu})

- at 400 V / rated value
- at 415 V / rated value
- at 480 V / rated value

kA 45
kA 45
kA 25

Installation/mounting/dimensions:

Type of mounting

fixed mounting

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

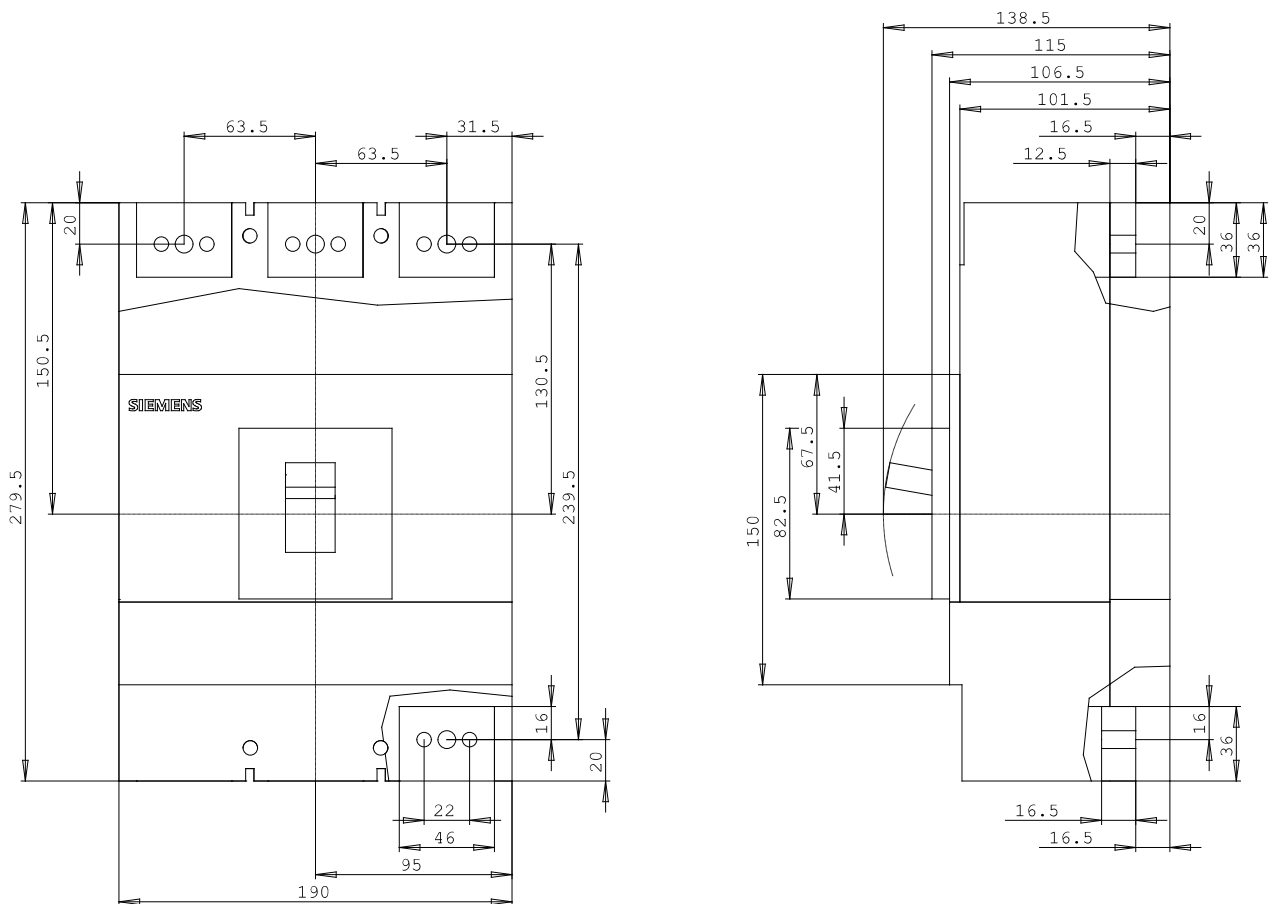
Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Tender specifications

Datanorm [GAEB81](#) [GAEB83](#) [RTF](#) [TXT](#)



last change:

Jun 13, 2011