



### Main

Range	Multi 9
Product or component type	Voltage release
Device short name	CNV
Poles description	2P

### Complementary

[Ue] rated operational voltage	230 V AC 50 Hz between phase and neutral
Supply voltage limits	50...440 V AC, 1 phase
[Ie] rated operational current	50 A
Protection type	Overvoltage: 275 V (Tripping time:3...15 s) Overvoltage: 300 V (Tripping time:1...5 s) Overvoltage: 350 V (Tripping time:0.25...0.75 s) Overvoltage: 400 V (Tripping time:0.1...0.2 s) Undervoltage: 50...160 V (Tripping time:0.6...5 s) Lockout:
Reset	Automatic reset 25...35 s 253 V for overvoltage Automatic reset 25...35 s 195 V for undervoltage
Minimum clearance distance	1.2 Mm
Maximum leakage current	2 MA
Creepage distance	5.6 mm
[Uimp] rated impulse withstand voltage	4 KV between phases 4 KV between phase and neutral
Local signalling	Indicator light green, steady for fault Indicator light green, flashing for lock Indicator light red, steady for operating
Time delay	0...800 s on-delay
Function available	Real time voltage detection
[Ui] rated insulation voltage	500 V
Rated breaking and making capacity	400 A 242 V, cos phi = 0.85 (12 times)
[Icw] rated short-time withstand current	504 KA during 4 s
Mounting support	DIN rail
Mounting mode	By clips
Cable entry	Bottom entry
Mounting location	Downstream
Installation direction	Horizontal Vertical
Type of installation	Indoor installation
9 mm pitches	4
Height	84.8 Mm
Width	36 Mm
Depth	72 Mm

Colour tint	Clips: light grey (RAL 7035) Housing: light grey (RAL 7035)
Electrical durability	12000 Cycles at 63 A 285 V AC cos phi 0.9
Mechanical robustness	Vibrations (3 Gn, 5...100 Hz) conforming to IEC 60068-2-6 Shocks 6 ms with protective package (30 Gn) conforming to IEC 60068-2-27 Free fall resistance 0.8m, without package
Service life	10 Year(S)
Electromagnetic compatibility	Electrostatic discharge immunity test - test level: 6 kV level 3 (contact discharge) conforming to IEC 61000-4-2 Electrostatic discharge immunity test - test level: 8 kV level 3 (air discharge) conforming to IEC 61000-4-2 Surge immunity test - test level: 2 kV (common mode) conforming to IEC 61000-4-5 Surge immunity test - test level: 4 kV (differential mode) conforming to IEC 61000-4-5 Electrical fast transient/burst immunity test - test level: 4 kV, 2.5 kHz, 5 kHz and 100 kHz conforming to IEC 61000-4-4 Immunity to conducted disturbances - test level: 10 V, 0.15...80 MHz level 3 conforming to IEC 61000-4-6 Immunity to conducted RF disturbances - test level: 10 V, 80...1000 MHz and 1400...6000 MHz level 3 conforming to IEC 61000-4-3 Conducted emission class B Radiated emission class B
Connections - terminals	Tunnel type terminals top or bottom 1...35 mm <sup>2</sup> rigid without cable end Tunnel type terminals top or bottom 1...25 mm <sup>2</sup> flexible with or without cable end
Tightening torque	Power circuit: 3.5 N.m

## Environment

Standards	JB/T 12762-2015
Product certifications	REACH
Directives	2002/95/EC - RoHS directive
IP degree of protection	IP40 on front face conforming to IEC 60529 IP20 B other parts conforming to IEC 60529
Pollution degree	2
Operating altitude	<= 2000 m
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...80 °C
Relative humidity	0...75 % operating 0...95 % storage

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Product Life Status : **Commercialised**