



Main

Range	Acti9
Product or component type	Voltage release
Device short name	iCNV
Poles description	4P

Complementary

[Ue] rated operational voltage	230 V AC 50 Hz between phase and neutral 400 V AC 50 Hz between phases
Supply voltage limits	50...440 V AC, 3 phases 87...440 V AC, 2 phases 120...440 V AC, 1 phase
[Ie] rated operational current	32 A
OV/UV auto-reset compulsive delay time	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
Electric clearance	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 red, steady for operating Indicator light red, flashing for replacement warning Indicator light green, flashing for phase loss
Response time	< 1 s (contact open) < 3 s (contact closed)
Function available	Neutral lose detection Real time voltage detection
[Ui] rated insulation voltage	500 V
Rated breaking and making capacity	256 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	Vertical Horizontal
Use category	Indoor installation
9 mm pitches	8
Height	84.8 mm

Width	72 mm
Depth	72 mm
Colour tint	Housing: white (RAL 9003) Clips: yellow (Pantone 109C)
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 mm² rigid without cable end Tunnel type terminals top or bottom 1...25 mm² flexible with or without cable end
Tightening torque	Power circuit: 3.5 N.m

Environment

Standards	JB/T 12762-2015
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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.166 cm
Package 1 Width	9.438 cm
Package 1 Length	6.213 cm
Package 1 Weight	361 g
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	10 cm
Package 2 Width	22.4 cm
Package 2 Length	7.8 cm
Package 2 Weight	1.09 kg
Unit Type of Package 3	CAR
Number of Units in Package 3	24
Package 3 Height	28.9 cm
Package 3 Width	38.9 cm
Package 3 Length	26.2 cm
Package 3 Weight	9.711 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information