

# Product data sheet

## Characteristics

# NF442L4TVS412

Panelboard interior, NF, main lugs, 400A, Al bus, 42 pole spaces, 3 phase, 4 wire, 600Y/347 VAC max, surge suppressor



### Main

Panelboard Type	Main lugs
Branch Circuit Breaker Type	EDB/EDG/EDJ
Busbar Material	Aluminium

### Complementary

Number of spaces	42
[In] rated current	400 A
[Iu] rated interrupted current	65 kA
Wiring configuration	4-wire
Number of Phases	3 phases
Voltage Rating	600Y/347 V AC
Accessory Device	Surge protection device, 120 kA Surge Current, SVR: 400 V, MCOV: 150 V
Connections - terminals	Lug line AWG 1/0...750 kcmil aluminum Lug neutral AWG 1/0...750 kcmil aluminum
Surge Capacity	60 kA between phase and neutral 60 kA between phase and ground 100 kA between neutral and ground
Tightening torque	274.99...300.04 lbf.in (31.07...33.90 N.m) 0.08...0.59 in <sup>2</sup> (53.48...380 mm <sup>2</sup> ) AWG 1/0...750 kcmil 274.99...300.04 lbf.in (31.07...33.90 N.m) 0.08...0.27 in <sup>2</sup> (53.48...177.3 mm <sup>2</sup> ) AWG 1/0...350 kcmil 549.98 lbf.in (62.14 N.m) 0.08...0.59 in <sup>2</sup> (53.48...380 mm <sup>2</sup> ) AWG 1/0...750 kcmil 549.98 lbf.in (62.14 N.m) 0.08...0.24 in <sup>2</sup> (53.48...152 mm <sup>2</sup> ) AWG 1/0...300 kcmil 375.01 lbf.in (42.37 N.m) 0.08...0.59 in <sup>2</sup> (53.48...380 mm <sup>2</sup> ) AWG 1/0...750 kcmil 375.01 lbf.in (42.37 N.m) 0.08...0.24 in <sup>2</sup> (53.48...152 mm <sup>2</sup> ) AWG 1/0...300 kcmil
Width	10.44 in (265.18 mm)
Height	64 in (1625.60 mm)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

## Environment

Standards	CSA UL
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## Packing Units

Package 1 Weight	7.00 lb(US) (3.175 kg)
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## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>