

# Product data sheet

Specifications

SQUARE D



Panelboard interior, NF, main lugs, 250A, Cu bus, 42 pole spaces, 3 phase, 4 wire, 600Y/347VAC max, surge suppressor

NF442L2TVS416C

Product availability: Stock - Normally stocked in distribution facility

## Main

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

## Complementary

Number of spaces	42
Enclosure Nominal Height	56 in (1422.4 mm)
Enclosure Nominal Width	20 in (508 mm)
Enclosure Nominal Depth	5.75 in (146.05 mm) NEMA 1 6.5 in (165.1 mm) NEMA 3R/5/12
Line Rated Current	250 A
[Iu] rated interrupted current	65 kA
Number of Phases	3 phase 4 wires
Voltage Rating	600Y/347 V AC
Accessory Device	Surge protection device, 160 kA 400 V, 150 V
Connections - terminals	Lug line AWG 6...350 kcmil aluminium Lug neutral AWG 6...350 kcmil aluminium
Surge Capacity	80 kA between phase and neutral 80 kA between phase and ground 120 kA between neutral and ground
Tightening torque	40.005...50.007 lbf.in (4.52...5.65 N.m) 0.02...0.10 in <sup>2</sup> (13.30...67.43 mm <sup>2</sup> ) (AWG 6...AWG 2/0) 100.01 lbf.in (11.3 N.m) 0.02...0.10 in <sup>2</sup> (13.30...67.43 mm <sup>2</sup> ) (AWG 6...AWG 2/0) 274.99 lbf.in (31.07 N.m) 0.02...0.3 in <sup>2</sup> (13.30...177.3 mm <sup>2</sup> ) (AWG 6...350 kcmil) 274.99 lbf.in (31.07 N.m) 0.02...0.2 in <sup>2</sup> (13.30...126.7 mm <sup>2</sup> ) (AWG 6...250 kcmil) 274.99 lbf.in (31.07 N.m) 0.2...0.2 in <sup>2</sup> (107.2...152 mm <sup>2</sup> ) (AWG 4...300 kcmil)
Height	52 in (1320.8 mm)
Width	10.44 in (265.18 mm)
Net Weight	7.000 lb(US) (3.175 kg)

## Environment

Standards	UL 67 CSA C22.2
-----------	--------------------

## Ordering and shipping details

Category	US1PE1A08353
----------	--------------

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

---

Discount Schedule	PE1A
GTIN	785901650294
Returnability	Yes
Country of origin	MX

---

## Packing Units

---

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package weight(Lbs)	7.000 lb(US) (3.175 kg)

---

## Contractual warranty

---

Warranty	18 months
----------	-----------

---



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle)	100
--	-----

## Use Better

### Materials and Substances

Packaging made with recycled cardboard	Yes
--	-----

Packaging without single use plastic	No
--------------------------------------	----

<a href="#">EU RoHS Directive</a>	Compliant
-----------------------------------	-----------

REACH Regulation	<a href="#">REACH Declaration</a>
------------------	-----------------------------------

California proposition 65	<b>WARNING:</b> This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
---------------------------	--

## Use Again

### Repack and remanufacture

Circularity Profile	No need of specific recycling operations
---------------------	--

Take-back	No
-----------	----