Product data sheet

Specifications

automatic PowerLogic PFC Smart Capacitor bank, 175kvar DR4.2 MLO NE1 480V 60Hz

VA175M4014S

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Network rated voltage	480 V AC 60 Hz
Reactive power rating	175 kvar
Operating Mode	Automatic
Range of Product	PowerLogic
Device short name	PowerLogic PFC Smart
Product or Component Type	Capacitor bank
Controller type	PowerLogic PFC Controller VPL12
capacitor technology	PowerLogic PFC Capacitor + Detuned Reactor
Accessibility for operation	Front
color	Gray RAL 7035)

Complementary

[THDv] Total Harmonic Distortion	0…7 %
Tuning factor	4.2
Tuning frequency	252 Hz
Power per step	25 kvar
Step composition	25 + 50 + 100
Poles description	3P
Maximum permissible voltage	1.1 x Un 8 hours over 24 hours)
Protection Type	Main lug
incoming connection short circuit rating	65 kA 4 cycles
maximum weight	584.2 lb(US) (265 kg)
Height	47.2 in (1200 mm)
Width	51.2 in (1300 mm)
Depth	15.7 in (400 mm)
Mounting Location	Indoor
NEMA degree of protection	NEMA 1

Environment

Standards	CSA C22.2 No 190-M1985 UL 810 UL 508 A

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

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

Product Certifications	cCSAus
Relative humidity	0…95 %
Operating altitude	<= 6561.68 ft (2000 m)
Ambient Air Temperature for Operation	14…115 °F (-10…46 °C)
Average ambient air temperature for operation	25 °C annual) 35 °C over 24 hours)

Ordering and shipping details

Category	US1DE2C00086
Discount Schedule	DE2C
GTIN	3606487730415
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1

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)	**29026**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant**
California proposition 65	**WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**

Energy efficiency

Product contributes to saved and avoided emissions	**Yes**

Use Again

Repack and remanufacture

Circularity Profile	**End of Life Information**
Take-back	**No**