Product data sheet

Specifications

automatic PowerLogic PFC Capacitor bank, with incoming CB DR4,2 480V 60Hz 175kvar

VLVAF4P66175AB

Discontinued on: Mar 17, 2022

Discontinued

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	automatic capacitor bank with detuned reactor
Product Or Component Type	Capacitor bank
Controller Type	PowerLogic PFC Controller VPL6
Capacitor Technology	PowerLogic PFC Capacitor + Detuned Reactor
Accessibility For Operation	Front
Color	Gray RAL 7035)

Complementary

Network Pollution Level	Polluted
[Thdv] Total Harmonic Distortion	0…7 %
Tuning Factor	4.2
Tuning Frequency	252 Hz
Power Per Step	25 kvar
Step Composition	25 + 3x50
Location Of Connection	Top
Internal Voltage Transformer	480/120 V
Poles Description	3P
Capacitance Tolerance	- 5 % to 10 %
Maximum Permissible Voltage	1.1 x Un 8 hours over 24 hours)
Protection Type	Circuit breaker protection
Breaking Capacity	65 kA
Control Type	Rotary handle
Maximum Weight	584.23 lb(US) (265 kg) 585 lb(US) (265.35 kg)
Height	47.24 in (1200 mm) 47.2 in (1198.88 mm)

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

Width	Capacitor 31.50 in (800 mm) Detuned reactor 19.69 in (500 mm) Capacitor 31.5 in (800.10 mm) Detuned reactor 19.69 in (500.13 mm)
Depth	15.7 in (398.78 mm) 15.75 in (400 mm)
Mounting Location	Indoor

Environment

Standards	CSA C22.2 No 190-M1985 UL 810
Mechanical Degree Of Protection	IK10
Relative Humidity	0…95 %
Operating Altitude	<= 6561.68 ft (2000 m)
Ambient Air Temperature For Operation	14…104 °F (-10…40 °C)
Average Ambient Air Temperature For Operation	30 °C annual)

Ordering and shipping details

Category	US1DE2C00049
Discount Schedule	DE2C
Gtin	3606487113706
Returnability	No
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Weight	200.00 lb(US) (90.719 kg)

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information