Product data sheet

Specifications

Discontinued

automatic PowerLogic PFC Capacitor bank, standard, Lugs (6000s) 0600 kVar, 480 V - Top - NEMA 1

AV060046AV8F2N

Discontinued on: Mar 2, 2022

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

Main

Network Rated Voltage	480 V AC 60 Hz
Reactive Power Rating	600 kvar
Operating Mode	Automatic & transient free
Range Of Product	PowerLogic
Device Short Name	PowerLogic PFC detuned
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 ASA 49)

Complementary

Network Pollution Level	Low polluted
[Thdv] Total Harmonic Distortion	0…5 %
Thdi	0…8 %
Tuning Factor	4.2
Tuning Frequency	252 Hz
Power Per Step	100 kvar
Step Composition	6x100
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	Main lug
Incoming Connection Short Circuit Rating	65 kA 4 cycles
Maximum Weight	2945.38 lb(US) (1336 kg)
Height	60.00 in (1524 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	60.00 in (1524 mm)
Depth	36.02 in (915 mm)
Mounting Location	Indoor

Environment

Standards	CSA C22.2 No 190-M1985
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	US1DE2C00086
Discount Schedule	DE2C
Gtin	3606486794104
Returnability	No
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	91.50 in (232.4 cm)
Package 1 Width	60.00 in (152.4 cm)
Package 1 Length	36.02 in (91.5 cm)
Package 1 Weight	2600.00 lb(US) (1179.34 kg)

Sustainability

Green Premium^{TM} 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 >

Eu Rohs Directive	Under investigation