Product datasheet

Specifications

Green Premium™

Discontinued

Varplus Box Heavy Duty MPP-HDuty - 3-phase delta connection - 41.5 kVAr - 525 V

MEHVBHDY377A52

Discontinued on: 31-Aug-2023

End-of-service on: 11-Oct-2023

Main

Range	PowerLogic
Product name	PowerLogic PFC Capacitor
Product or component type	Heavy duty capacitor
Device application	Direct connection with machine Fixed bank Stand alone PFC equipment

Complementary

Reactive power rating	37.7 kvar
rated voltage	525 V
[In] rated current	41.5 A
Network frequency	50 Hz
Dielectric loss	0.2
capacitance tolerance	- 5 % to 10 %
[Imp] maximum permanent current	1.8 x In
Inrush current	Up to 250 x In
Maximum switching operation per year	7000
Service life in hours	130000 h
Impregnation material	Bio-degradable PUR resin Non-PCB
Operating altitude	2000 m
Connections - terminals	Direct busbar mounting for banking Bushing terminals for large cables
Capacitor connection	3-phase delta connection
Safety function	Pressure sensitive disconnector for every phase Self healing Discharge device
Fixing mode	Mounting cleats
Depth	153 mm
Height	355 mm
Width	309 mm
Net weight	7.5 kg

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	IS 13340-1993 IS 13341-1992 IEC 60831-1/2
Ambient air temperature for operation	-25…55 °C
Relative humidity	95 %

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	24.5 cm
Package 1 Width	33.0 cm
Package 1 Length	52.0 cm
Package 1 Weight	10.76 kg

Contractual warranty

Warranty	18 mois

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

Reach Free Of Svhc	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Eu Rohs Directive	Compliant EU RoHS Declaration
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