

# Product datasheet

Specifications



## Varplus Box Heavy Duty MPP-HDuty - 3-phase delta connection - 33.7 kVAr - 525 V

MEHVBHDY306A52

⚠ Discontinued on: 03 July 2023

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### Main

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

### Complementary

Reactive power rating	30.6 kvar
Rated voltage	525 V
[In] rated current	33.7 A
Network frequency	50 Hz
Dielectric loss	0.2
Capacitance tolerance	- 5 % to 10 %
[Imp] maximum permanent current	1.8 x Is
Inrush current	Up to 250 x In
Maximum switching operation per year	7000
Service life in hours	130000 h
Impregnation material	Non-PCB Bio-degradable PUR resin
Operating altitude	4000 m
Connections - terminals	Direct busbar mounting for banking Bushing terminals for large cables
Capacitor connection	3-phase delta connection
Safety function	Discharge device Self healing Pressure sensitive disconnecter for every phase
Fixing mode	Mounting cleats
Depth	153 mm
Height	355 mm

Width	309 mm
Net weight	7.5 kg

### Environment

Standards	IS 13341-1992 IS 13340-1993
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

### Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

### Recommended replacement(s)