

# Product datasheet

Specifications



## Varplus Box Heavy Duty MPP-HDuty - 3-phase delta connection - 33.8 kVAr - 480 V

MEHVBHDY281A48

### Main

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

### Complementary

Reactive power rating	28.1 kvar
Rated voltage	480 V
[In] rated current	33.8 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	Bushing terminals for large cables Direct busbar mounting for banking
Capacitor connection	3-phase delta connection
Safety function	Pressure sensitive disconnecter 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
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## 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	18 cm
Package 1 Width	33.4 cm
Package 1 Length	37.8 cm
Package 1 Weight	8.4 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>

## Contractual warranty

Warranty	18 mois
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Recommended replacement(s)