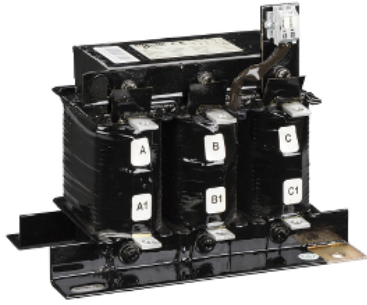


Product data sheet

Specifications



Anti Harmonic PowerLogic PFC detuned reactor, 25kvar 162Hz (2.7) 14% 60Hz 400V

LVR14250B40T

Main

Range	PowerLogic
Device short name	DR
Product or component type	Detuned reactor
Network frequency	60 Hz
Reactive power rating	25 kvar for 400 V AC 60 Hz
Network rated voltage	400 V AC 60 Hz
Tuning order	2.7 - 162 Hz - 14 % - 60 Hz

Complementary

Power losses (max)	200 W
Value of inductance	2.704 mH
Inductance tolerance	- 5 % to 5 % per phase
Fundamental current rating	36.1 A
RMS current rating	36.8 A
Electrical insulation class	Class H
[Ui] rated insulation voltage	1.1 kV
Dielectric test voltage	4 kV 60 Hz 1 minute
[Imp] maximum permanent current	1.12 x I1
Harmonic current spectrum	5.5 % x I3 10.7 % x I5 5.3 % x I7 2.1 % x I11
Dynamic withstand current	2.2 x Isc
[Ith] conventional free air thermal current	2 A at 250 V AC 50 Hz
Type of installation	Indoor installation
Type of cooling	Forced convection
Connections - terminals	Pad terminal
Fixing center	200 x 125 mm
Height	220 mm
Width	240 mm

Depth	160 mm
Net weight	18 kg

Environment

Standards	IEC 60068
IP degree of protection	IP00
Operating altitude	<= 2000 m
Ambient air temperature for operation	0...55 °C at <= 1000 m 0...50 °C at > 1000...2000 m
Average ambient air temperature for operation	50 °C at <= 1000 m (average over 24 hours) 40 °C at <= 1000 m (average over 1 year) 45 °C at > 1000...2000 m (average over 24 hours) 35 °C at > 1000...2000 m (average over 1 year)
Climatic withstand	Relative humidity: 20...80 % Salt mist (400 V/50 Hz) : 250 hours

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	18.42 kg
Package 1 Height	25.6 cm
Package 1 width	30.0 cm
Package 1 Length	31.3 cm
Unit Type of Package 2	P06
Number of Units in Package 2	6
Package 2 Weight	119.02 kg
Package 2 Height	50.0 cm
Package 2 width	60.0 cm
Package 2 Length	80.0 cm