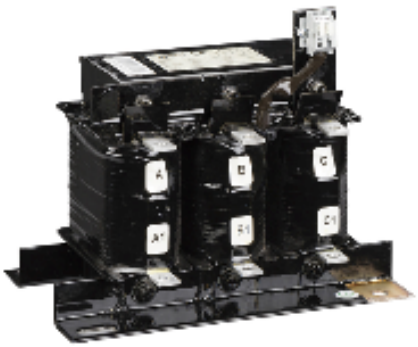
Product data sheet
Characteristics

LVR05250A40T
Anti Harmonic PowerLogic PFC detuned reactor, 25kvar 210Hz (4.2) 5.7% 50Hz 400V



Main

Range	PowerLogic
Device short name	DR
Product or component type	Detuned reactor
Network frequency	50 Hz
Reactive power rating	25 Kvar for 400 V AC 50 Hz
Network rated voltage	400 V AC 50 Hz
Tuning order	4.2 - 210 Hz - 5.7 % - 50 Hz

Complementary

Power losses	200 W
Value of inductance	1.227 MH
Inductance tolerance	- 5 % to 5 % per phase
Fundamental current rating	36.1 A
Maximum current Irms	44 A
Electrical insulation class	Class H
[Ui] rated insulation voltage	1.1 KV
Dielectric test voltage	4 KV 50 Hz 1 minute
[Imp] maximum permanent current	1.3 x I1
Harmonic current spectrum	2.9 % x I3 67.8 % x I5 18.6 % x I7 6.2 % 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	17.5 Kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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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	16.807 Kg
Package 1 Height	25.6 Cm
Package 1 width	30.0 Cm
Package 1 Length	31.4 Cm
Unit Type of Package 2	P12
Number of Units in Package 2	12
Package 2 Weight	213.684 Kg
Package 2 Height	50.0 Cm
Package 2 width	80.0 Cm
Package 2 Length	120.0 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile

Product Life Status : Commercialised