

Product data sheet

Specifications



Anti Harmonic PowerLogic PFC detuned reactor, 25kvar 190Hz (3.8) 7% 50Hz 690V

LVR07250A69T

Main

Range	PowerLogic
Device Short Name	DR
Product Or Component Type	Detuned reactor
Network Frequency	50 Hz
Reactive Power Rating	25 kvar for 690 V AC 50 Hz
Network Rated Voltage	690 V AC 50 Hz
Tuning Order	3.8 - 190 Hz - 7 % - 50 Hz

Complementary

Power Losses (Max)	200 W
Value Of Inductance	4.464 mH
Inductance Tolerance	- 5 % to 5 % per phase
Fundamental Current Rating	20.9 A
Rms Current Rating	22.6 A
Electrical Insulation Class	Class B
[Ui] Rated Insulation Voltage	1.1 kV
Dielectric Test Voltage	4 kV 50 Hz 1 minute
[Imp] Maximum Permanent Current	1.2 x I1
Harmonic Current Spectrum	3.7 % x I3 38.2 % x I5 13.6 % x I7 4.9 % 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

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	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 Height	22.5 cm
Package 1 Width	28 cm
Package 1 Length	30 cm
Package 1 Weight	17.5 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	2
Package 2 Height	60 cm
Package 2 Width	60 cm
Package 2 Length	80 cm
Package 2 Weight	26 kg

Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓ Reach Free Of Svhc

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations