Product data sheet

Specification





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

LVR07250A69T

! Discontinued on: 30/11/2020

(!) Discontinued

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

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 l1
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 lsc
[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

Environment

Standards	IEC 60068	
Ip Degree Of Protection	IP00	
Operating Altitude	<= 2000 m	
Ambient Air Temperature For Operation	055 °C at <= 1000 m 050 °C at > 10002000 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 > 10002000 m (average over 24 hours) 35 °C at > 10002000 m (average over 1 year)	
Climatic Withstand	Relative humidity: 2080 % 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



Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

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

Learn more about Green Premium >

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