

# Product datasheet

Specifications



## Anti Harmonic detuned reactor 50kvar 190Hz (3.8) 7% 50Hz 400V

LVR07500A40T

Price\* : 934.66 USD

### Main

Range	PowerLogic
Device short name	DR
Product or component type	Detuned reactor
Network frequency	50 Hz
Reactive power rating	50 kvar for 400 V AC 50 Hz
Network rated voltage	400 V AC 50 Hz
Tuning order	3.8 - 190 Hz - 7 % - 50 Hz

### Complementary

Power losses (max)	320 W
Value of inductance	0.75 mH
Inductance tolerance	- 5 % to 5 % per phase
Fundamental current rating	72.2 A
RMS current rating	77.9 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	1.2 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	270 mm

\* Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Width	260 mm
Depth	200 mm
Net weight	22 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 Height	53.0 cm
Package 1 Width	40.0 cm
Package 1 Length	60.0 cm
Package 1 Weight	35.25 kg
Unit Type of Package 2	P06
Number of Units in Package 2	2
Package 2 Height	70.0 cm
Package 2 Width	60.0 cm
Package 2 Length	80.0 cm
Package 2 Weight	75.5 kg

### Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

### Recommended replacement(s)