



## 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	2.7 - 135 Hz - 14 % - 50 Hz

## Complementary

Power losses (max)	400 W
Value of inductance	1.598 mH
Inductance tolerance	- 5 % to 5 % per phase
Fundamental current rating	72.2 A
RMS current rating	73.6 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	1.12 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	270 mm
Width	260 mm
Depth	200 mm
Net weight	33 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	46.0 cm
Package 1 Width	40.0 cm
Package 1 Length	60.0 cm
Package 1 Weight	40.0 kg
Unit Type of Package 2	P06
Number of Units in Package 2	2
Package 2 Height	50.0 cm
Package 2 Width	80.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	88.5 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
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>
RoHS exemption information	 Yes
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