



Main

Device short name	DR
Product or component type	Detuned reactor
Network frequency	60 Hz
Reactive power rating	50 kvar at 400 V AC 60 Hz
Network rated voltage	400 V AC 60 Hz
Tuning order	2.7 - 162 Hz - 14 % - 60 Hz

Complementary

Power losses	400 W
Value of inductance	1.352 mH
Inductance tolerance	- 5 % to 5 % per phase
Fundamental current rating	72.2 A
Maximum current Irms	73.6 A
Electrical insulation class	Class H
[Ui] rated insulation voltage	1.1 kV
Dielectric test voltage	4 kV for 1 minute at 60 Hz
[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

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

Height	270 mm
Width	260 mm
Depth	200 mm
Product 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

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1236 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Product identification

Range	VarPlus
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