

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 voltage	400 V AC 60 Hz
Tuning order	2.7 - 135 Hz - 14 % - 50 Hz

Complementary

Value of inductance	1.4 mH
Inductance tolerance	- 5 % to 5 % per phase
Fundamental current rating	77 A
Electrical insulation class	Class H
[Ui] rated insulation voltage	1.1 kV
Dielectric test voltage	4 kV for 1 minute at 50 Hz
Type of installation	Indoor installation
Connections - terminals	Wire
Fixing center	220 x 121 mm
Height	222 mm
Width	350 mm
Depth	145 mm
Product weight	36 kg

Environment

IP degree of protection	IP00
Operating altitude	<= 2000 m
Ambient air temperature for operation	0...50 °C at > 1000...2000 m 0...55 °C at <= 1000 m
Average ambient air temperature for operation	35 °C at > 1000...2000 m (average over 1 year) 45 °C at > 1000...2000 m (average over 24 hours) 40 °C at <= 1000 m (average over 1 year) 50 °C at <= 1000 m (average over 24 hours)
Climatic withstand	Salt mist (400 V/50 Hz) : 250 hours Relative humidity: 20...80 %