

Product datasheet

Specifications

Anti-Harmonic Detuned Reactor

BRH3 14% for Capacitor 3P 100kVAr 525V

BRH314400100

Standard	EN60076-6, EN61558-2-20
Filtering factor	14%
Rated line voltage	400V
Rated frequency	50Hz
In	97.4A
Ith	114.9A
Linearity	1.5In
Inductance L	3*1.228mH
Inductance tolerance	±5%
% of Harmonic currents	I3=5%; I5=10%; I7=5%; I11=2%
Matching capacitor	100kVAr / 525V / 3P
Power loss	570W at 75°C
Winding material	Aluminum foil
Dielectric test	3kV / 60s
Protection class	IP00
Insulation class	H (180°C)
Impregnation	Resin VPI
Cooling method	Natural air (AN)
Ambient temperature	-25 to +50°C
Environ clim. And fire res. Class	E1 C1 F0
Accessories	The built-in thermostat is set to trip at 135°C and to reset at 90°C (250V, 2A)
Dimension	L x W x H and X x Y 360 x 200 x 340mm and 265 x 140mm

