

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
I _{rms}	110A
Inductance L	3*1.23mH
Inductance tolerance	±3%
Linearity	1.8 In
The harmonic content of line voltage	U ₃ =0.5%; U ₅ =6%; U ₇ =5%
Matching capacitor	100kVAr / 525V / 3P
Power loss	382W at 75°C
Winding material	Al 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 thermal switch opens above 135°C
Dimension	L x W x H and E x F 420 x 250 x 315mm and 265 x 150mm

