

# Product datasheet

## Specifications

### Anti-Harmonic Detuned Reactor

### BRH3 14% for Capacitor 3P 50kVAr 525V

BRH31440050



Standard	EN60076-6, EN61558-2-20
Filtering factor	14%
Rated line voltage	400V
Rated frequency	50Hz
$I_n$	48.7A
$I_{th}$	57.8A
Linearity	1.5 $I_n$
Inductance L	3*2.46mH
Inductance tolerance	±5%
% of Harmonic currents	I3=5%; I5=10%; I7=5%; I11=2%
Matching capacitor	50kVAr / 525V / 3P
Power loss	365W 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 310 x 170 x 240mm and 250 x 115mm

