

# Product datasheet

## Specifications

### Anti-Harmonic Detuned Reactor

### BRH3 7% for Capacitor 3P 10kVAr 440V

BRH3740010



|                                      |                                                        |
|--------------------------------------|--------------------------------------------------------|
| Standard                             | EN60076-6, EN61558-2-20                                |
| Filtering factor                     | 7%                                                     |
| Rated line voltage                   | 400V                                                   |
| Rated frequency                      | 50Hz                                                   |
| Irms                                 | 14.5A                                                  |
| Inductance L                         | 3*4.31mH                                               |
| Inductance tolerance                 | ±3%                                                    |
| Linearity                            | 1.8 In                                                 |
| The harmonic content of line voltage | U3=0.5%; U5=6%; U7=5%                                  |
| Matching capacitor                   | 10kVAr / 440V / 3P                                     |
| Power loss                           | 74.8W 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<br>190 x 136 x 205mm and 90 x 85mm |

