

Product datasheet

Specifications

Dry Power Capacitor

BDC4415M

Standard	IEC/EN 60831-1&2
Type	Dry, Self healing
Power range	15kVAr
Rated voltage	440V
Rated frequency	50/60Hz
Rated current In	19.7A
Connection	3-phase (Internal delta)
Capacitance	3x82.2 μ F
Capacitance tolerance	-5% / +10%
Dielectric loss	$\leq 0.2W / kVAR$
Testing voltage between terminals / time	2.15 Un / 10s
Testing voltage between terminals and container / time	4kV / 10s
Lighting impulse test between terminal and container	8kV (Peak)
Discharge resistor	220k Ω
External terminal box & casing finishing	Extruded aluminum casing
Dielectric	Metallized polypropylene film with Zn/Al alloy
Impregnation	Non-PCB, biodegradable soft resin
Temperature category	- 25°C to +55°C (class D)
Max altitude	2000 m
Max relative humidity	95%
Maximum permissible current	1.5 In
Maximum inrush current	200 In
Statistical life expectancy	> 130,000 Operating hours
Working mode	Continuous
Safety Device	Auto disconnect, when capacitor has trouble
Dimension / Weight	75 x 225mm (ϕ OD x H) / 1.3kg

Fig: B

