

Product datasheet

Specifications

Dry Power Capacitor

BDC 3P 30kVAR 440V

BDC4430M



Standard	IEC/EN 60831-1&2
Type	Dry, Self healing
Power range	30kVAR
Capacitance	3x164.4μF
Capacitance tolerance	-5% / +10%
Rated voltage	440V
Rated frequency	50/60Hz
Rated current In	39.4A
Connection	3-phase (Internal delta)
Dielectric loss (excluding discharge resistance)	≤ 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	220kΩ
External terminal box & casing finishing	Extruded aluminum casing
Dielectric	Metallized polypropylene film with Zn/Al alloy
Filling Material	Epoxy resin, RoHS Mercury free, Non-PCB
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	> 150,000 Operating hours
Working mode	Continuous
Safety Device	Auto disconnect, when capacitor has trouble
Dimension / Weight	86 x 329mm (ΦD x H) / 2.5kg

