

Product datasheet

Specifications

Dry Power Capacitor

BDC 1P 10kVAr 250V

BDC2510C1

Standard	IEC/EN 60831-1&2
Type	Dry, Self healing
Power range	10kVAr
Rated voltage	250V
Rated frequency	50/60Hz
Rated current In	40A
Connection	1-phase
Capacitance	510 μ F
Capacitance tolerance	-5% / +10%
Dielectric loss (excluding discharge resistance)	$\leq 0.2W / kVAr$
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
Discharge resistor	100k Ω
External terminal box & casing finishing	Cylindrical extruded aluminum can
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 240mm (ϕ D x H) / 1.5kg

