

Product datasheet

Specifications

Dry Power Capacitor

BDC 1P 5kVAr 250V

BDC2505C1

Standard	IEC/EN 60831-1&2
Type	Dry, Self healing
Power range	5kVAr
Rated voltage	250V
Rated frequency	50/60Hz
Rated current In	20A
Connection	1-phase
Capacitance	255μF
Capacitance tolerance	-5% / +10%
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
Discharge resistor	100kΩ
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	76 x 240mm (φD x H) / 1.5kg

