

Power Factor Correction Capacitors (Cylindrical)

Viz Cylindrical Capacitors are used for industrial and commercial Power Factor Correction. These capacitors are compact in size and are typically used in Automatic Power Factor Correction panels.



Dielectric	Metallized Polypropylene film
Electrode	Metallized Film
Connection	Δ
External Discharge device	Resistor
Encapsulation	Liquid /Dry Resin (NPCB)
Container	Aluminium Can
Terminals	Finger Proof terminals (IP 20)
Typical Applications	Power Factor Correction for Industrial, Commercial, Residential & Agricultural Loads
Features	<ul style="list-style-type: none"> Conforms to IEC 60831-1+2:1996 & IS 13340:1993 CE Marked Bureau of Indian Standards License No.CM/L 6700260 Low dissipation factor High insulation resistance RoHS Compliant
Safety	<ul style="list-style-type: none"> Over pressure disconnecter (Burst Proof) Self-healing properties Protection: IP 20 Discharge Device
Installation Features	<ul style="list-style-type: none"> Indoor, Vertically mounted Bolt for Mounting
Electrical Characteristics	
Reference Standard	IEC:60831-1+2 & IS:13340/41
Rated Kvar	1KVAR To 50 KVAR
No of Phases	1Ø and 3Ø
Capacitance tolerance	-5 To + 10 %
Rated voltage V_R	250Vac To 660Vac
Inrush current I	Up to 200* I_R
Over Voltage V_{max}	VR *1.1 Continuous
Over Current I_{max}	Up to 1.5 * I_R
Rated Frequency F_R	50 / 60 Hz
AC test Voltage terminal to terminal	2.15 x V_R ,2s (Routine test) 2.15 x V_R ,60s (Type test)
AC test Voltage terminal to can	3 KV AC ,10s
Insulation Resistance R is at 20°C, RH < 65 %	3000 s
Discharge time	< 50 V within 60 seconds.
Losses (tan d) Dielectric	0.0002
Total	0.00045**
Temperature Category	-10/D