



Film Capacitor- AC Capacitors

Fan Motor Run Capacitors

440V; class C; 85 °C

Series/Type: B32415G

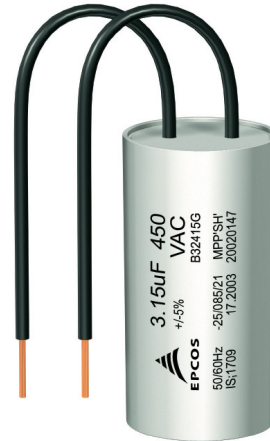
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Fan motor run Capacitor
Construction

- Dielectric: polypropylene film
- Plastic case
- Polyurethane resin

Features

- Self-healing properties
- Low dissipation factor
- High insulation resistance


Typical applications

- For general sine wave applications, mainly as motor run capacitor for fans

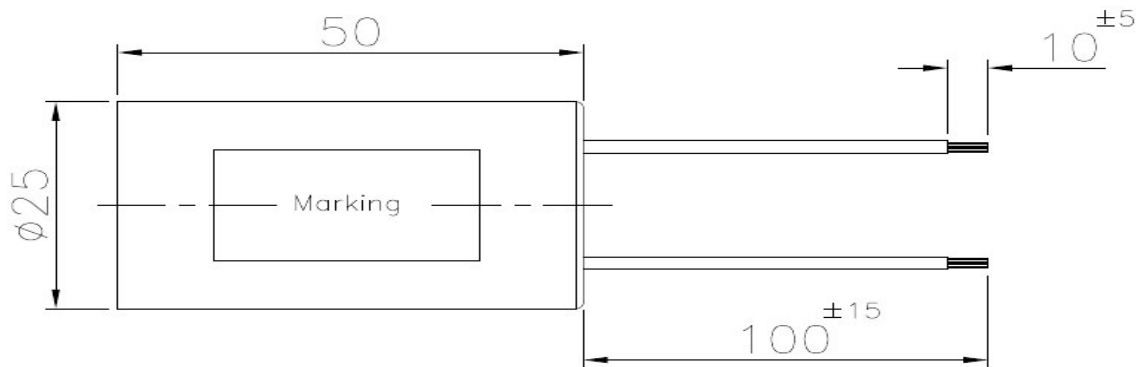
Terminals

- Flexible wire terminals
- Receptacles on request: crimped to the end of flexible wires

Technical data and specifications	
Reference standards	IEC 60252 / IS 1709
Safety class to	P0
Life expectancy	440V/85 °C: 3,000h (class C)
Rated capacitance C_R	See dimensions table
Tolerance	±5%, other tolerances upon request
Rated voltage V_R	440 V AC
Rated frequency f_R	50/60 Hz
Maximum ratings	
Maximum permissible voltage V_{max}	$1.1 \cdot V_R$ (V_R = rated voltage)
Maximum permissible current I_{max}	$1.3 \cdot I_R$ (I_R = rated current)

Test data	
AC test voltage terminal to terminal V_{TT}	$2 \cdot V_R, 2 \text{ s}$
Insulation resistance R_{ins} or time constant τ at 20 °C, rel. Humidity $\leq 65\%$ (minimum as-delivered values)	3,000 s
Dissipation factor $\tan \delta$ at 20 °C	$\leq 1.0 \cdot 10^{-3}$ (120 Hz)
Maximum rate of voltage rise dV/dt_{max}	10 V/ μ s
Climatic data	
Climatic category	25/085/21 to IEC 60068-1
Lower category T_{min}	-25 °C
Upper category T_{max}	+85 °C
Damp heat test t_{test}	21 days

Dimensional drawings



Ordering codes and packing units

U_n Vac	C_n μF	Max. Dimension $d \times l$ (mm)	Ordering code	Packing unit (pcs.)
440	1.00	25X50	B32415G5105J023	100
	1.50	25X50	B32415G5155J023	100
	2.00	25X50	B32415G5205J023	100
	2.25	25X50	B32415G5225J023	100
	2.50	25X50	B32415G5255J023	100
	3.00	25X50	B32415G5305J023	100
	3.15	25X50	B32415G5315J023	100
	4.00	25X50	B32415G5405J023	100

⚠ Please read "Applications warning, installation and maintenance instructions" and the "General Safety Data Sheet for Power Capacitors" issued by ZVEI, which are available on the internet at www.epcos.com/ac_capacitors, to ensure optimum performance and to prevent products from failing, and in worst case, bursting and fire. Information given in the data sheet reflects typical specifications. You are kindly requested to approve our product specifications or request our approval for your specification before ordering

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