

Film Capacitors

AC Capacitors

MotorCap START

	Series	MotorCap START B32328F*
	Technical data	Type : Motor Start Capacitor Voltage range : 250 Vrms Capacitance : 30 ... 120 µF Construction : Plastic case Safety Class : P0
	Applications	For general sine wave applications, mainly for motor start application

MotorCap START

Technical data : MotorCap START	
Series type	B32328F
Terminal	Wire with sleeve (Others on request)
Electrical Ratings	
Rated Voltage V_n	250 V AC (Refer table) (Others on request)
Rated Capacitance	30...120 µF (Others on request)
Rated frequency	50 Hz
Capacitance tolerance	± 5 (Others on request)
Maximum permissible voltage (V_{Max})	1.1 (V_n)
Maximum permissible current (I_{Max})	1.3 (I_n)
Dissipation factor δ' (20°C, 1kHz)	≤1.0 · 10 ⁻²
Application	For general sine wave applications, mainly for motor start application
Safety	
Safety class	P0 to IS 2993:1998
Climatic parameter to IEC 60068 - 1	
Lower category temperature T_{min}	-25 °C
Upper category temperature T_{max}	+70...+85 °C
Damp heat test t_{test}	21 days
Construction	
Reference Standards	IS 2993 :1998
Case	Plastic case
Dimension in mm	Refer Table (Others on request)
Approvals (Can be Offered on Specific Requirement)	
ISI	250 V, P0 safety class, rated duty cycle 1min 2.2% Vrms

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MotorCap START						
Series	Part Code	Ø D x H	MFD (nF)	Voltage (V)	Approval	Terminal Type
B32328F	B32328F1306J 18	35 x 70	30	250	ISI	A
	B32328F1456J 18	35 x 96	45	250	ISI	A
	B32328F1606J 18	40 x 96	60	250	ISI	A
	B32328F1726J 18	40 x 96	72	250	ISI	A
	B32328F1756J 18	40 x 96	75	250	ISI	A
	B32328F1826J 18	45 x 96	82	250	ISI	A
	B32328F1906J 18	45 x 96	90	250	ISI	A
	B32328F1107J 18	45 x 96	100	250	ISI	A
	B32328F1107J 518	50 x 95	105	250	ISI	A
	B32328F1127J 18	50 x 95	120	250	ISI	A

Dimensional Drawing

Terminal Type A

The drawing shows the physical dimensions of the capacitor. The side view includes the following dimensions: a total height of 250±10, a terminal height of 15±5, a distance from the base to the start of the terminal of 35±10, a body length of L±3, and a diameter of ØD±1. A 'Marking' box is indicated on the body. The top view shows a circular footprint with a diameter of 8±1.

Note:
The connection wires are made of annealed copper. Exposed part of these wires can undergo surface oxidation, due to humid atmospheric conditions while transport or storage. It is recommended to cut the exposed end, if seen with surface oxidation, for ensuring better electrical connectivity.

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AC Capacitors

MotorCap START



Series	MotorCap START B32328L*
Technical data	Type : Motor Start Capacitor Voltage range : 250 Vrms Capacitance : 75 ... 120 μ F Construction : Plastic case Safety Class : P0
Applications	For general sine wave applications, mainly for motor start application

MotorCap START

Technical data : MotorCap START

Series type	B32328L
Terminal	Wire with Eye-guilt
Electrical Ratings	
Rated Voltage V_n	250 (Refer table) (Others on request)
Rated Capacitance	75...120 μ F (Others on request)
Rated frequency	50/60 Hz
Capacitance tolerance	± 5 (Others on request)
Maximum permissible voltage (V_{Max})	1.1 (V_R)
Maximum permissible current (I_{Max})	1.3 (I_R)
Dissipation factor $\tan \delta'$ (20°C, 1kHz)	$\leq 1.0 \cdot 10^{-2}$
Application	For general sine wave applications, mainly for motor start application

Safety

Safety class	P0 to IS 2993:1998
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Climatic parameter to IEC 60068 - 1

Lower category temperature T_{min}	-25 °C
Upper category temperature T_{max}	+70...+85 °C
Damp heat test t_{test}	21 days

Construction

Reference Standards	IS 2993 :1998
Case	Plastic case
Dimension in mm	Refer Table (Others on request)

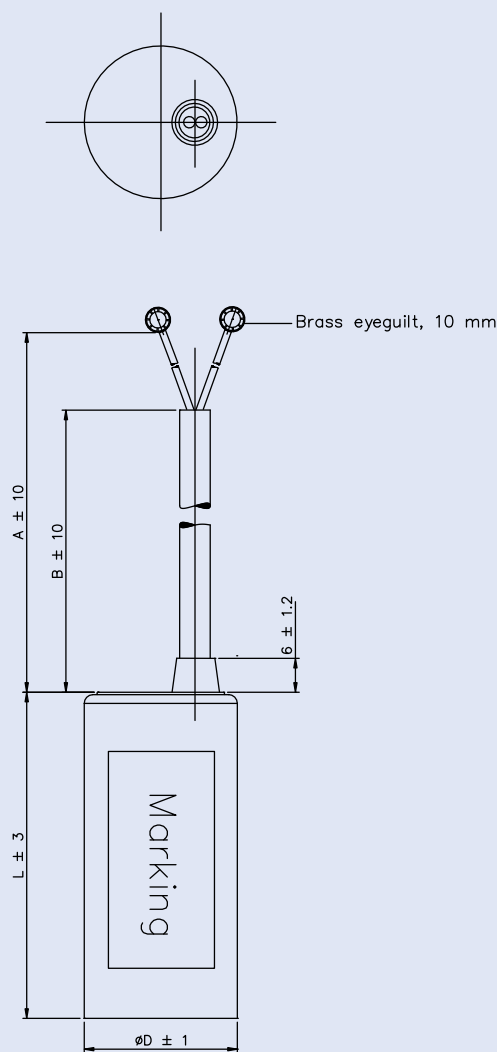
Film Capacitors

AC Capacitors

MotorCap START						
Series	Part Code	Ø D x H	MFD (nF)	Voltage (V)	Approval	Terminal Type
B32328L	B32328L1756J 18	40 x 96	75	250	ISI	A
	B32328L1906J 18	45 x 95	90	250	ISI	A
	B32328L1107J 518	50 x 95	105	250	ISI	A
	B32328L1127J 18	50 x 95	120	250	ISI	A

Dimensional Drawing

Terminal Type A



Note:
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