

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 is small motors and lighting ballasts.

Terminals

- B32312 Insulated rigid copper wire
- B32314 insulated stranded copper wire

Technical data and specifications

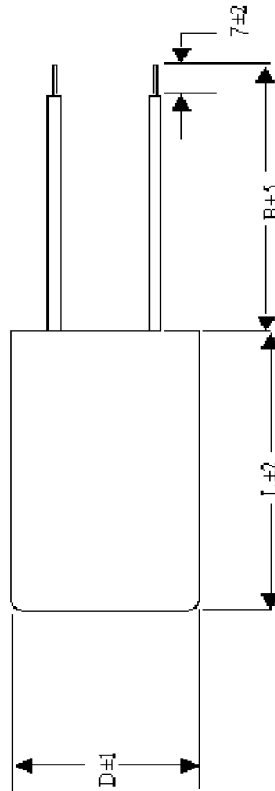
Standart	IEC 60252 / EN 60252
Rated capacitance Cn	According to dimensions table
Tolerance	±5%, ±10%
Rated voltage Un	According to dimensions table
Rated frequency fn	50...60 Hz
Life expectancy	10.000h (class B)
Maximun ratings	
Maximun permissible voltage Umax	1.1 x UN (UN: rated voltage)
Maximun permissible current Imax	1.3 x IN(IN: rated voltage)
Test data	
Ac test voltage terminal to terminal U_{tt}	1,7 x UN, 2 s
Insulation voltage terminals to case	Not applicable
Insulation resistance Ris time constant at 20 ° C	
Rel. Humidity ≤ 65 °C (minimum value)	3000s
Dissipation factor tan δ at 20° C	≤ 1,0 x 10 ⁻³ (120 Hz)
Maximum rate of voltage rises dv/dtmax	10 V/µs
Climatic data	
Climatic category	25/085/21 in accordance with IEC 60068-1
Lower category Tmin	-25
Upper category Tmax	85
Damp heat test ttest	21 days
Permitted capacitance ΔC/C	≤ 3%

1 - It should be noted that presence of harmonics produces over voltage & current on capacitors. Resonance may cause serious damage to installation if a significant of total harmonic distortion level exists for voltage or current. In such cases, series reactors must be considered.

2 - Operating temperature class: in accordance with the reference standards, these temperatures are those measured on the surface on the capacitor.

Dimensional drawings

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Ordering code

Un Vac	Cn F	Case dimensions D x L (mm)	Ordering code
250	4	25 x 49	B323##-A1405-+0\$*
	5	25 x 49	B323##-A1505-+0\$*
	6	25 x 49	B323##-A1605-+0\$*
	7	25 x 49	B323##-A1705-+0\$*
	8	25 x 49	B323##-A1805-+0\$*
	9	25 x 49	B323##-A1905-+0\$*
	10	25 x 49	B323##-A1106-+0\$*
	12	26 x 49	B323##-A1126-+0\$*
	13	30 x 50	B323##-A1136-+0\$*
	14	30 x 50	B323##-A1146-+0\$*

Un Vac	Cn F	Case dimensions D x L (mm)	Ordering code
	15	30 x 50	B323##-A1156-+0\$*
	16	30 x 50	B323##-A1166-+0\$*
	18	30 x 50	B323##-A1186-+0\$*
	20	32 x 51	B323##-A1206-+0\$*
	22	35 x 51	B323##-A1226-+0\$*
	25	35 x 51	B323##-A1256-+0\$*
	30	37 x 48	B323##-A1306-+0\$*
	32	40 x 50	B323##-A1326-+0\$*
	40	40 X 64	B323##-A1406-+0\$*
	45	40 X 64	B323##-A1456-+0\$*
	50	40 X 64	B323##-A1506-+0\$*
330	32	40 X 64	B323##-A2326-+0\$*
440	4	26 X 49	B323##-A4405-+0\$*
	4,5	30 X 50	B323##-A4455-+0\$*
	5	25 X 49	B323##-A4505-+0\$*
	6	30 X 50	B323##-A4605-+0\$*
	7	30 X 50	B323##-A4705-+0\$*
	8	32 X 51	B323##-A4805-+0\$*

Notes for ordering code:

1 - + Replace for tolerance on capacitance

J - (5%

K - (10%

2 - \$ Replace for construction

1 - Plastic case PP

3 - Plastic case FRPP (UL94 V-2) and M8 bolt

3 - * Replace for wire lengths (b)

1 , (2 - with resistor) - 65 mm

3 , (4 - with resistor) - 100 mm

5 , (6 - with resistor) -150 mm

9 , (0 - with resistor) - 250 mm