Construction

- Dielectric: polypropylene film
- Aluminum can
- Soft polyurethane resin

Features

- Self-healing properties
- Low dissipation factor
- Overpressure disconnection device
- High insulation resistance

Typical applications

For general sine wave applications,
mainly as motor run capacitor

Terminals

- Single (B32330 series) or
  Double (B32332 series) fast on 6,3 x 0,8 mm

Mounting parts

- Metal stud (max. torque = 5 Nm)

Technical data and specifications

Standard	IEC 60252 / EM 60252
Rated capacitance C_N	According to dimensions table
Tolerance	± 5%, ± 6%, ±10%
Rated voltage U_N	According to dimensions table
Rated frequency f_N	50...60Hz
Life expectance	10.000 h (class B)
Maximum ratings	
Maximum permissible voltage U_{max}	1,1 x U_n (U_n= Rated voltage)
Maximum permissible current I_{max}	1,3 x I_n (I_n = Rated current)
Test data	
AC test voltage terminal to terminal U_{TT}	2 x U_n , 60s. (type test)
Insulation voltage terminals to case	2000 Vac, 60s. (type test)
Insulation resistance R_{is} or time constant τ at 20 °C Rel. Humidity ≤ 65 °C (minimum value)	3000 s
Dissipation factor tanδ at 20 °C	≤ 1,0 x10^{-3} (120 Hz)
Maximum rate of voltage rise du/dt_{max}	10 V/µs

Technical data (cont`d)

Climatic data	
Climatic category	25/085/21 according to IEC 60068-1
Lower category T_{min}	-25 °C
Upper category T_{max}	+85 °C
Damp heat test t_{test}	21 days
Permitted capacitance $\Delta C/C$	$\leq$ 3 %

Approved marks

UL 810
10000 AFC

EN 60252*

* VDE approval for 400 and 450V series.

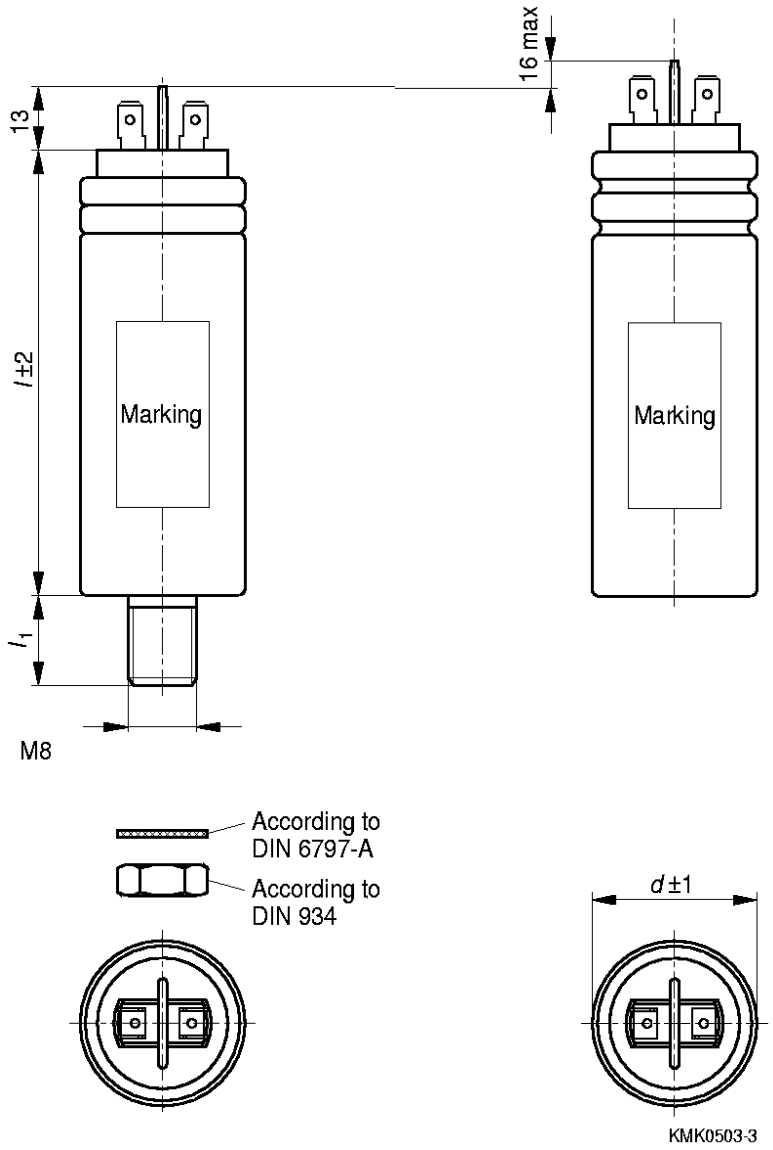
Note :

1) It should be noted that presence of harmonics produces over voltage & over current on capacitors. Resonance may cause serious damage to installation if a significant level 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

B32332 ... 07X Series **B32330 ... 05X Series**



Ordering codes and packing units

U_N [Vac]	C_N [µF]	Max. dimensions d x l [mm]	Ordering code B3233*	Packing units
250	4	30 x 68	-B1405-+0**	112
	5	30 x 68	-B1505-+0**	112
	6	30 x 68	-B1605-+0**	112
	7	30 x 68	-B1705-+0**	112
	8	30 x 68	-B1805-+0**	112
	10	30 x 68	-B1106-+0**	112
	12	30 x 68	-B1126-+0**	112
	15	35 x 68	-B1156-+0**	84
	20	35 x 68	-B1206-+0**	84
	25	35 x 78	-B1256-+0**	84
	30	40 x 78	-B1306-+0**	45
	35	40 x 78	-B1356-+0**	45
	40	40 x 78	-B1406-+0**	45
	45	40 x 78	-B1456-+0**	45
	50	40 x 103	-B1506-+0**	45
	55	40 x 103	-B1556-+0**	45
	60	40 x 103	-B1606-+0**	45
400	4	30 x 68	B4405-+0**	112
	5	30 x 68	-B4505-+0**	112
	6	30 x 68	-B4605-+0**	112
	7	30 x 78	-B4705-+0**	112
	8	30 x 78	-B4805-+0**	112
	10	30 x 78	-B4106-+0**	112
	12	35 x 78	-B4126-+0**	84
	15	40 x 78	-B4156-+0**	45
	20	40 x 78	-B4206-+0**	45
	25	40 x 103	-B4256-+0**	45
	30	40 x 103	-B4306-+0**	45

Motor run

U_N [Vac]	C_N [µF]	Max. Dimensions d x l [mm]	Ordering code B3233*	Packing units
400 (cont.)	35	45 x 103	-B4356-+0**	45
	40	50 x 103	-B4406-+0**	32
	45	50 x 103	-B4456-+0**	32
	50	53 x 103	-B4506-+0**	32
	60	53 x 130	-B4606-+0**	32
450	3	30 x 68	-B6305-+0**	112
	4	30 X 68	-B6405-+0**	112
	5	30 x 78	-B6505-+0**	112
	6	30 x 78	-B6605-+0**	112
	7	30 x 78	B6705-+0**	112
	8	35 x 78	-B6805-+0**	84
	10	40 x 78	-B6106-+0**	45
	12	40 x 78	-B6126-+0**	45
	15	40 x 103	-B6156-+0**	45
	20	40 x 103	-B6206-+0**	45
	25	45 x 103	-B6256-+0**	45
	30	50 x 103	-B6306-+0**	32
	35	50 x 103	-B6356-+0**	32
	40	53 x 103	-B6406-+0**	32
	45	53 x 140	-B6456-+0**	32
	50	53 x 140	-B6506-+0**	32
	55	63.5 x 140	-B6556-+0**	28
	60	63.5 x 140	-B6606-+0**	28

Notes for ordering code:

1. Replace ***** by : 0 - single tab fast-on.
   2 - double tab fast-on.
2. For capacitance tolerance replace **+** by : J - ±5%, E - ±6%, K - ±10%
3. Replace ****** by : 50 - aluminum can
   70 - aluminum can with
   M 8 fixing threaded bolt for ≤ ϕ 53mm.
   M 12 fixing threaded bolt for ϕ 63.5mm.