MOTOR MKP CAPACITOR IN PLASTIC CASE TYPE TC 886

Application

The capacitors TC 886 are determined especially for start of alternating-current asynchronous motors which can be energized from mono phase or three phase network.

Description

The coil is made of metalized polypropylene film and is closed in a plastic self-extinguishing case with ecological bio-resin, ensuring good electrical and mechanical properties. The capacitors are supplied with different types of outlets according to wish of the customer, for example different types of faston tags, outlet cables, outlet leads or wires. The capacitors are not provided with a mechanical fail-safe device which would disconnect circuit of the capacitor at overload.

Electrical properties

Nominal capacitance: 1,5 μ F to 100 μ F Tolerance of capacitance: $\pm 10\%(K)$, $\pm 5\%(J)$ Nominal voltage: see table of dimensions Test voltage between terminals: $2 \times U$ jm 50Hz/60s Test voltage between terminals and case: 2000V 50Hz/60s

Dissipation factor to δ :

Type	Frequency	Max. tg δ x 10-4 for Cim		
		≤ 10 µF	10-30 μF	≥ 30 µF
M., J., X.,	50 Hz or	6	8	15
	1 kHz	40	80	150
H ., L ., I .	50 Hz or	12	16	30
	1 kHz	80	160	300

Type marking of capacitors

TC 886 . . – motor capacitor

1st letter indicated type of terminals

- M single faston tag 2,8 x 0,5 mm (only for dia, D = 25 mm)
- J single faston tag 6,3 x 0,8 mm
- X single faston tag 6,3 x 0,8 mm not standardly turned
- D double faston tag 2 x 6,3 x 0,8 mm
- H outlet cable, length 250 mm
- L insulated flexible outlets, cross section 0,75 mm², length 200 mm (except dia, D = 45, 50 and 55 mm)
- I insulated wire outlets, dia 0,8 mm, length 210 mm (except dia, D = 45, 50 and 55 mm)

2nd letter indicates case fixing system

- B case without a base stud M8 x10 mm
- S case with a metal base stud M8 x 10 mm

Example of marking for a purchase order

TC 886DB $5\mu F \pm 10\%$ - Capacitor in plastic case without base clamping stud (the fixing clip will not be supplied), outlets are made with double faston tag (capacitance is $5\mu F$ and tolerance is $\pm 10\%$).

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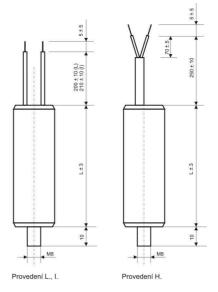
e-mail: info@harlingen.cz

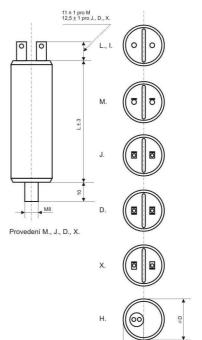
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Dimensions

Type TC 886							
	TC 886						
Mode of	Category of	Life duration	Nominal				
operation	climatic	expectancy	alternating				
	resistance		Voltage				
			50Hz				
Permanent (DB)	25/070/21	1000 h (D)	500 V~				
Permanent (DB)	(HSF)	10000 h (B)	450 V~				
Permanent (DB)	25/085/21	30000 h (A)	400 V∼				
	(HPF)						
	25/085/21						
	(HPF)						
Deviation of	Nominal	Basic	Alternative				
capacitance	Capacitance	Dimensions	Dimensions				
	[μ F]	ØD x L	ØD x L				
	1.5	25 x 60					
	1.5	25 x 60 25 x 60					
	2.5	25 x 60 25 x 60					
	2.5 3	25 x 60 25 x 60					
	3.5	25 x 60					
	3.5 4	25 x 60 25 x 60					
	4.5	25 x 60 25 x 60	25 x 75				
	4.5 5		25 x 75 25 x 75				
	4	30 x 60 30 x 60	25 x 75 25 x 75				
	7	30 x 60	25 x 75 25 x 75				
	7.5	30 x 60	23 X /3				
	7.5 8	30 x 00 30 x 75					
	9	30 x 75					
	10	30 x 75					
± 10%	12	30 x 75					
± 5%	14	35 x 75					
1 370	15	35 x 75					
	16	35 x 75					
	18	35 x 75					
	20	40 x 75					
	22	35 x 96	40 x 75				
	25	35 x 96	40 x 75				
	30	40 x 96	45 x 75				
	35	40 x 96	45 x 75				
	40	45 x 96	.5 % 75				
	45	45 x 96					
1	50	45 x 120					
	55	45 x 120					
	60	45 x 120					
	65	45 x 120					
	70	50 x 120					
	80	50 x 120					
	90	55 x 120					
	100	55 x 120					







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