

MKP LIGHTING CAPACITOR TYPE TC 884

Application

MKP capacitor TC 884 is particularly determined for parallel compensation of lightning appliances.

Description

The capacitor winding element is made of metallized polypropylene film and it is closed in a plastic self-extinguishing case. The capacitor terminals are either two couples of push wire, which are an integral part of the cover together with discharging resistor. The capacitors with marking (L) and (I) are terminals insulated leads or wires, which go axial through the opening in a plastic case. The discharging resistor is inside capacitor between terminals and ensures discharging of the capacitor to max. 50 V in 1 min.

Capacitor TC 884 . . is a capacitor type A – regenerate parallel capacitor, which doesn't have to contain a disconnecting device.

Electrical properties

Tolerance on capacitance:

$\pm 10\%$ (K), $\pm 5\%$ (J)

Test voltage between terminals:

2 x U_{jm} . 50 Hz / 60 s

Test voltage between terminals and case:

2000 V 50 Hz / 60 s

Dissipation factor $\text{tg } \delta$

Type	Measuring frequency	Max. $\text{tg } \delta \times 10^{-4}$	
		$C_{jm} \leq 10 \mu\text{F}$	$C_{jm} > 10 \mu\text{F}$
TC 884 R.	50 Hz or	6	8
	100 Hz 1 kHz	40	80
TC 884 L., I.	50 Hz or	12	16
	100 Hz 1 kHz	80	160

Type marking of capacitors

TC 884 . . - MKP capacitor for parallel compensation $U_{jm} = 250 \text{ Vac}$

1st letter indicates type of terminals

R – integrated push-wire connector with discharging resistor

L – insulated flexible core leads, $0,75 \text{ mm}^2$, length 120 mm, going through axial plastic cover, discharging resistor is inside case

I – insulated solid core leads, $\varnothing 0,8 \text{ mm}$, length 120 mm, go axial through a plastic cover, discharging resistor is inside case

. – another type of terminal or length is necessary to discuss with producer

2nd letter indicates case fixing system

Q – quick fit system

B – case without a base stud

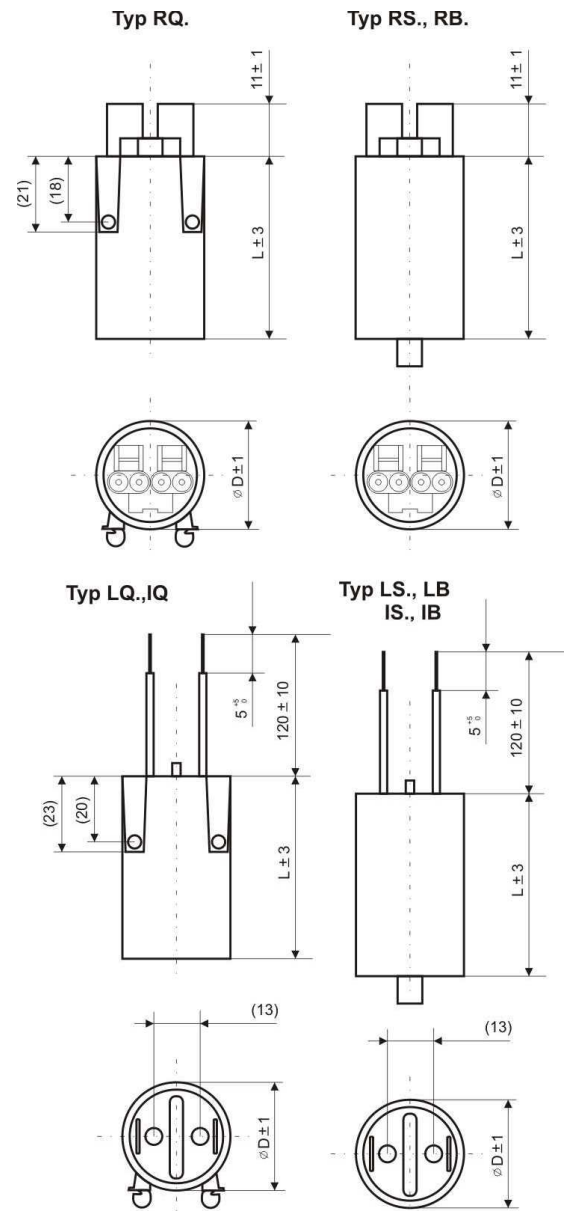
S – case with a metal base stud M8 x 10 mm

Information for order

TC 884 RQ $5\mu\text{F} \pm 10\%$ - lighting capacitor in a quick-clamping case with a push wire cover, with an integral resistor, with capacitance μF , with tolerance $\pm 10\%$ and with nominal voltage 250 Vac for parallel compensation

Dimensions

Type	TC 884 Parallel compensation			
Nominal voltage in min. and max. temperature extent	250 Vac 50 Hz -25°C/+85°C			
	400 V = -25°C/+70°C			
Nominal capacitance	Dimensions D x L (mm)			
	LS, IS, LB, IB	RS, RB	RQ	LQ, IQ
2	25 x 60	25 x 60	25 x 75	25 x 75
2,2	25 x 60	25 x 60	25 x 75	25 x 75
2,5	25 x 60	25 x 60	25 x 75	25 x 75
3	25 x 60	25 x 60	25 x 75	25 x 75
3,5	25 x 60	25 x 60	25 x 75	25 x 75
3,75	25 x 60	25 x 60	25 x 75	25 x 75
4	25 x 60	25 x 60	25 x 75	25 x 75
4,5	25 x 60	25 x 60	25 x 75	25 x 75
5	25 x 60	25 x 60	25 x 75	25 x 75
6	25 x 75	25 x 75	25 x 75	25 x 75
6,3	25 x 75	25 x 75	25 x 75	25 x 75
7	25 x 75	25 x 75	25 x 75	25 x 75
8	(30 x 60) 25 x 75	(30 x 60) 25 x 75	25 x 75	25 x 75
8,4	(30 x 60) 25 x 75	(30 x 60) 25 x 75	25 x 75	25 x 75
9	30 x 75	25 x 75	30 x 75	30 x 75
10	30 x 75	(30 x 60)	30 x 75	30 x 75
11	30 x 75	60)	30 x 75	30 x 75
12	30 x 75	30 x 75	30 x 75	30 x 75
13,5	30 x 75	30 x 75	30 x 75	30 x 75
14	30 x 75	30 x 75	30 x 75	30 x 75
15	35 x 75	30 x 75	35 x 75	35 x 75
16	(30 x 96) 35 x 75	30 x 75	(30 x 96)	(30 x 96)
18	(30 x 96) 35 x 75	35 x 75	35 x 75	35 x 75
20	(30 x 96) 35 x 75	(30 x 96)	(30 x 96)	(30 x 96)
22	35 x 96 (40 x 75)	35 x 75	35 x 75	35 x 75
24	35 x 96 (40 x 75)	35 x 75	35 x 75	35 x 75
25	35 x 96 (40 x 75)	(30 x 96)	35 x 96	35 x 96
30	40 x 96 (45 x 75)	35 x 96	35 x 96	35 x 96
32	40 x 96 (45 x 75)	(40 x 75)	35 x 96	35 x 96
35	40 x 96 (45 x 75)	35 x 96	35 x 96	35 x 96
40	45 x 96	35 x 96	35 x 96	35 x 96
45	45 x 96	(40 x 75)	35 x 96	35 x 96
50	45 x 96	75)	35 x 96	35 x 96
55	45 x 120	40 x 96	35 x 96	35 x 96
60	45 x 120	40 x 96	35 x 96	35 x 96
65	45 x 120	40 x 96	35 x 96	35 x 96
70	50 x 120	40 x 96	35 x 96	35 x 96



Approval: is for capacitance range : 2 – 45 μ F, 250 V / 50 Hz. The capacitors correspond to a accordance with ČSN EN 61048, ČSN EN 61049.