

All dimensions are in mm

(*) Remark:

Tinned wire & insulated rigid lead
$C \leq 0.22 \mu F$ both leads have $\varnothing d = 0.6 \text{ mm}$
$C \geq 0.25 \mu F$ both leads have $\varnothing d = 0.8 \text{ mm}$

GENERAL TECHNICAL DATA

Climatic category:

55/100/56 IEC 60068-1

40/100/56 (275Vac) IEC 60068-1

Insulation resistance (I_r):

$\geq 3 \cdot 10^4 M\Omega$ for $C \leq 0.33 \mu F$

$\geq 3000 s$ for $C > 0.33 \mu F$

Rated voltage (V_R):

D.C. inclusive of the peak value of the superimposed A.C. component; A.C. r.m.s. of sinusoidal value at 50/60 Hz.

Nominal rating of the resistance:

$R \geq 10 \Omega$; nominal values of the series E12.

Power rating of the resistance (Max permitted power):

1/2 W	1 W	2 W
$C \leq 0.10 \mu F$	$0.10 \mu F < C \leq 0.22 \mu F$	$C \geq 0.25 \mu F$

Test voltage V_{dc} between terminals:

$1.6 V_R$ applied for 2 s at $+25^\circ C \pm 5^\circ C$

$4.3 V_R$ applied for 2 s at $+25^\circ C \pm 5^\circ C$ (only for 275Vac)

Test voltage between terminals and case:

2500 Vac applied for 2 s at $+25^\circ C \pm 5^\circ C$

Protection:

Plastic case, thermosetting resin filled. Box material is solvent resistant and flame retardant according to UL94 V0.

Connections:

tinned wire (preferred), insulated rigid leads or insulated flexible leads.

Typical applications: RC units are used to eliminate transient phenomena whilst a circuit is being switched and as radio interference suppressor of contacts.

PRODUCT CODE: **F43**

Mounting:

RC units are mounted in parallel with the contacts to be protected or in parallel with the inductive load (fig.1-2). RC units are generally mounted in parallel with the contacts to suppress radio interferences (fig.1).

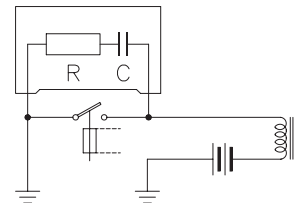


Fig. 1

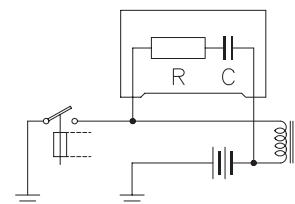


Fig. 2

APPROVALS (only for 275 Vac)



Note: Only approved RC units can be used for line application.

Available models: not all the RC combinations are available but can be produced on request.

Rated cap.	250 Vdc/ 160Vac				400 Vdc/ 200 Vac				630 Vdc/ 220 Vac				275 Vac Class X2				R (Ω)
	B	H	L	p	B	H	L	p	B	H	L	p	B	H	L	p	
0.010 μF													7.5	14.5	18.0	15.0	10 to 1000 E12 Series
0.015 μF													7.5	14.5	18.0	15.0	
0.022 μF									7.5	14.5	18.0	15.0	7.5	14.5	18.0	15.0	
0.033 μF													7.5	14.5	18.0	15.0	
0.047 μF													7.5	14.5	18.0	15.0	
0.068 μF													10.0	16.0	18.0	15.0	
0.10 μF									7.0	16.0	26.5	22.5	8.5	17.0	26.5	22.5	10 to 470 E12 Series
0.15 μF													10.0	20.0	26.5	22.5	
0.22 μF													11.0	20.0	26.5	22.5	10 to 100 E12 Series
0.25 μF	8.5	14.5	18.0	15.0	7.0	16.0	26.5	22.5	11.0	20.0	26.5	22.5	11.0	20.0	32.0	27.5	
0.33 μF	6.0	15.0	26.5	22.5									11.0	20.0	32.0	27.5	
0.47 μF	8.5	17.0	26.5	22.5									13.0	22.0	32.0	27.5	
0.50 μF	8.5	17.0	26.5	22.5	10.0	18.5	26.5	22.5	13.0	22.0	32.0	27.5	13.0	22.0	32.0	27.5	
0.68 μF													18.0	33.0	32.0	27.5	10 to 22 E12 Series
1.0 μF	10.0	18.5	26.5	22.5	13.0	22.0	32.0	27.5					18.0	33.0	32.0	27.5	

All dimensions are in mm.