

GENERAL TECHNICAL CHARACTERISTICS

Dielectric : Polypropylene film
 Construction : Extended double side Metallized carrier film
 with internal series connection and Metallized film
 Case : Aluminium case
 Flame retardant execution (UL94V-0).
 Leads: Tinneaded insert M6 or M8 fillde with resin

ELECTRICAL CHARACTERISTICS

Working teGperature : - 40 to + 85 °C
 Capacitance : 3×20 to $3 \times 500\mu\text{F}$
 Rated Voltage : 400, 1000VAC
 Tolerance : $\pm 5\%$, $\pm 10\%$
 Dissipation factor: Measured at 1000 ± 20 Hz AND $25\pm 5^\circ\text{C}$.
 When $C_r \leq 1.0\mu\text{F}$, 4×10^{-4} ;
 When $C_r > 1.0\mu\text{F}$, 6×10^{-4}

Life expectancy: 30,000 hours at U_n and 70°C
 (Hotspot temperature)

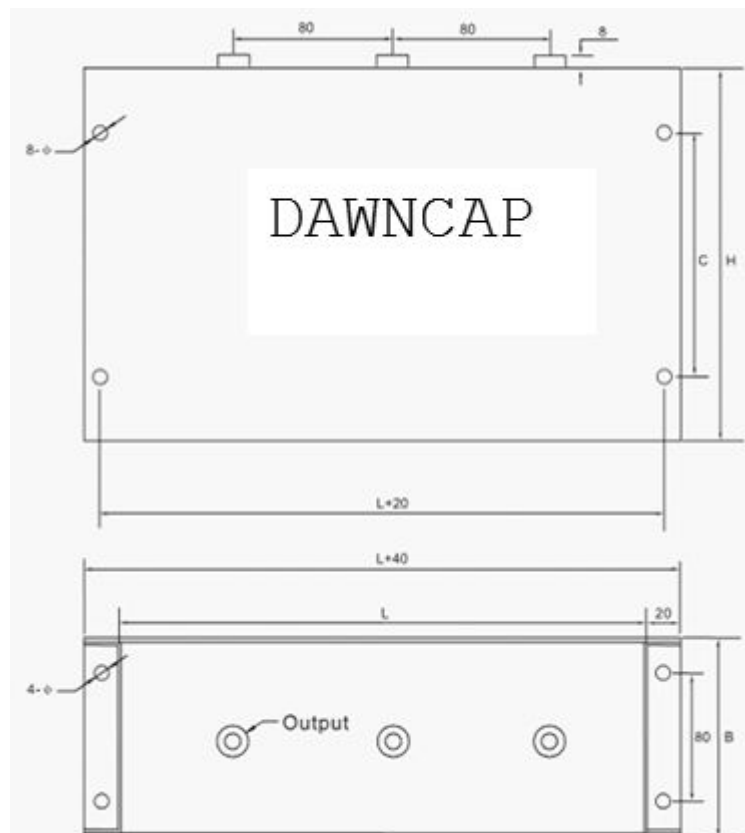
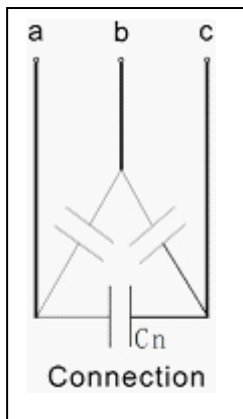
TEST METHODS AND PERFORNCES

Dielectric strength: $1.6U_r$ (DC) applied for 10s at $25\pm 5^\circ\text{C}$
 (1 Minute for type test)
 Insulation resistance : 3000s but need not exceed $30G\Omega$
 (typical value), after 1 Minute of
 electrification at 100Vdc ($25\pm 5^\circ\text{C}$)



Outline drawing

DESIGN



Case code :demension in mm

Case code	L	B	H	C	φ	Output
A	225	120	170	80	7	M8 x10
B	225	120	235	100	7	M8 x10
C	295	120	235	100	9	M10 x10
D	365	120	235	120	9	M10 x10

Electrical specifications,ordering codes

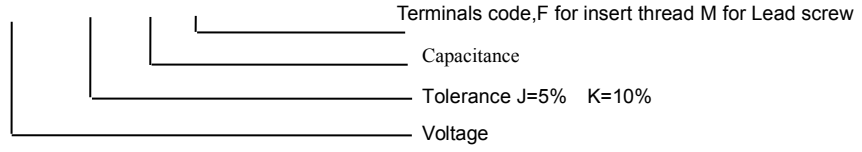
Part Number	Cap (μF)	ESR @10kHz (mΩ)	Irms max@25°C @10kHz	Case code	Rth (°C/W)	Weight (Kg)
Un 400Vac						
DAF400K3×200	3×200	3×0.95	3×70	A	1.11	6.2
DAF400K3×300	3×300	3×0.88	3×90	B	0.86	8.7
DAF400K3×400	3×400	3×0.83	3×120	C	0.71	11.2
DAF400K3×500	3×500	3×0.80	3×160	D	0.60	14.5
Un 500Vac						
DAF500K3×120	3×120	3×1.01	3×50	A	1.11	6.2
DAF500K3×180	3×180	3×0.92	3×70	B	0.86	8.7
DAF500K3×240	3×240	3×0.86	3×100	C	0.71	11.2
DAF500K3×300	3×300	3×0.83	3×120	D	0.60	14.5
Un 550Vac						
DAF550K3×90	3×90	3×1.86	3×30	A	1.11	6.2
DAF550K3×135	3×135	3×1.49	3×60	B	0.86	8.7
DAF550K3×180	3×185	3×1.28	3×80	C	0.71	11.2
DAF550K3×225	3×225	3×1.19	3×100	D	0.60	14.5
Un 690Vac						
DAF690K3×50	3×50	3×2.03	3×40	A	1.11	6.2
DAF690K3×75	3×75	3×1.64	3×60	B	0.86	8.7
DAF690K3×100	3×100	3×1.39	3×80	C	0.71	11.2
DAF690K3×125	3×125	3×1.28	3×100	D	0.60	14.5
Un 850Vac						
DAF850K3×30	3×30	3×2.36	3×30	A	1.11	6.2
DAF850K3×45	3×45	3×1.85	3×50	B	0.86	8.7
DAF850K3×65	3×65	3×1.50	3×70	C	0.71	11.2
DAF850K3×80	3×80	3×1.38	3×80	D	0.60	14.5
Un 1000Vac						
DAF1000K3×20	3×20	3×2.68	3×20	A	1.11	6.2
DAF1000K3×30	3×30	3×2.07	3×40	B	0.86	8.7
DAF1000K3×45	3×45	3×1.63	3×50	C	0.71	11.2
DAF1000K3×55	3×55	3×1.43	3×70	D	0.60	14.5

Part Numbering System : DAF400K3×200-A* "A" = Case code(A B C D)

Terminals : nut Part Numbering System : DLA100010-60M" = style "A B C D"

How to Order:

DAC- 250 - K- 15 *(FS)



可定制结构:

(三相交流滤波电容器)

