



Case code	L	B	H	C	d	Output	Torque
A4	225	120	170	80	7	M8 x10	8.5 N.M Max
A5	225	120	235	100	7	M8 x10	8.5 N.M Max
A6	295	120	235	100	9	M10 x10	12 N.M Max
A7	365	120	235	120	9	M10 x10	12 N.M Max

GENERAL TECHNICAL CHARACTERISTICS

Reference standards : IEC 61071-60068
 Dielectric : Polypropylene film
 Construction : Dry construction, filled by solid resin, Non-inductive type
 Coating : Aluminium case
 Leads: Lead screw

ELECTRICAL CHARACTERISTICS

Operating temperature - 40 to + 85 °C
 range (case):
 Capacitance : 3 x 30 to 3 x 500µF
 Rated Voltage : 400 to 850 VAC
 Tolerance : ± 5% , ± 10%
 Dissipation factor: ≤2.0×10⁻³ Measured at 100 Hz and 25±5°C
 Ls: <100nH
 Life expectancy : 30,000 hours at Urms and 70 °C(Hot-spot temperature)

TEST METHODS AND PERFORMANCES

Dielectric strength: 1.5Urms applied for 10s at 25°C
 Test voltage terminal to case : 3kVAC/50Hz for 60s
 Insulation resistance : ≥ 5000 s ,after 1 minute of electrification at 100Vdc (25±5°C)

Electrical specifications,ordering codes

Cap (µF)	ESR@1.0kHz (mΩ)	Irms@25°C @10kHz (A)	Case code	Rth (°C/W)	Weight (Kg)	Ordering Code
Urms 400VAC Upeak 565V						
3×200	3×0.95	3×70	A4	1.11	6.2	XAF-400-3×200-A4
3×300	3×0.88	3×90	A5	0.86	8.7	XAF-400-3×300-A5
3×400	3×0.83	3×120	A6	0.71	11.2	XAF-400-3×400-A6
3×500	3×0.80	3×160	A7	0.60	14.5	XAF-400-3×500-A7
Urms 500VAC Upeak 710V						
3×120	3×1.01	3×50	A4	1.11	6.2	XAF-500-3×120-A4
3×180	3×0.92	3×70	A5	0.86	8.7	XAF-500-3×180-A5
3×240	3×0.86	3×100	A6	0.71	11.2	XAF-500-3×240-A6
3×300	3×0.83	3×120	A7	0.60	14.5	XAF-500-3×300-A7
3×120	3×1.01	3×50	A4	1.11	6.2	XAF-500-3×120-A4



XAF series / AC filter

Electrical specifications, ordering codes

Cap (μ F)	ESR@1.0kHz (m Ω)	I _{rms} @25°C @10kHz (A)	Case code	R _{th} (°C/W)	Weight (Kg)	Ordering Code
		Urms 550VAC				Upeak 780V
3×90	3×1.86	3×30	A4	1.11	6.2	XAF-550-3×90-A4
3×135	3×1.49	3×60	A5	0.86	8.7	XAF-550-3×135-A5
3×180	3×1.28	3×80	A6	0.71	11.2	XAF-550-3×180-A6
3×225	3×1.19	3×100	A7	0.60	14.5	XAF-550-3×225-A7
		Urms 690VAC				Upeak 975V
3×50	3×2.03	3×40	A4	1.11	6.2	XAF-690-3×50-A4
3×75	3×1.64	3×60	A5	0.86	8.7	XAF-690-3×75-A5
3×100	3×1.39	3×80	A6	0.71	11.2	XAF-690-3×100-A6
3×125	3×1.28	3×100	A7	0.60	14.5	XAF-690-3×125-A7
		Urms 850VAC				Upeak 1200V
3×30	3×2.36	3×30	A4	1.11	6.2	XAF-850-3×30-A4
3×45	3×1.85	3×50	A5	0.86	8.7	XAF-850-3×45-A5
3×65	3×1.50	3×70	A6	0.71	11.2	XAF-850-3×65-A6
3×80	3×1.38	3×80	A7	0.60	14.5	XAF-850-3×80-A7

XAF -	450 -	3*200 -	A4
Series	Voltage	Capacitance	Dimension and terminal

A4 Case code

36.XAF Series – AC Filter