



GENERAL TECHNICAL CHARACTERISTICS

Reference Standards : IEC 61071-60068
 Dielectric : Polypropylene film
 Construction : Metallized film, Dry construction
 Coating : Aluminum case
 Leads: Threaded insert M5 M6, bolt available

ELECTRICAL CHARACTERISTICS

Operating Temperature Range : - 40 to + 85 °C (case)
 Capacitance : 22 to 350µF
 Rated Voltage : 400 to 850VDC (250 to 450Vac)
 Tolerance : ± 5% , ± 10%
 Dissipation Factor: ≤2×10⁻³ Measured at 100Hz and 25±5°C
 Life Expectancy : 100,000 hours at Un and 70 °C
 30,000 hours at Urms and 70 °C
 (Hot-spot temperature)

TEST METHODS AND PERFORMANCES

Dielectric Strength: 1.5Un (DC) applied for 10s at 25±5°C
 Test Voltage Terminal to Case : 3kVAC/50Hz for 60s
 Insulation Resistance : ≥10000 s, after 1 minute of electrification at 100Vdc (25±5°C)

Electrical Specifications, Ordering Codes

Cap (µF)	D (mm)	H (mm)	P (mm)	Irms@45°C @10kHz	ESR@1.0k Hz	RTH (k/w)	Weight (kg)	Ordering Code
Un 400VDC	Us 600V	Urms	250VAC	Upeak	360V AC			
100	76	70	32.0	44	2.2	4.9	0.38	XAE-400-100-FS
150	76	125	32.0	53	1.9	3.7	0.75	XAE-400-150-FS
200	86	125	32.0	59	1.7	3.3	0.95	XAE-400-200-FS
250	76	180	32.0	68	1.6	2.6	1.00	XAE-400-250-FS
350	86	180	32.0	74	1.5	2.3	1.30	XAE-400-350-FS
Un 600VDC	Us 900V	Urms	330VAC	Upeak	470V AC			
45	76	70	32.0	31	2.9	7.0	0.38	XAE-600-45-FS
65	86	70	32.0	44	2.3	4.6	0.45	XAE-600-65-FS
100	76	125	32.0	52	1.9	3.7	0.75	XAE-600-100-FS
130	86	125	32.0	58	1.8	3.3	0.95	XAE-600-130-FS
150	76	180	32.0	67	1.7	2.6	1.00	XAE-600-150-FS
200	86	180	32.0	73	1.7	2.3	1.30	XAE-600-200-FS
Un 700VDC	Us 1050V	Urms	400VAC	Upeak	570V AC			
30	76	70	32.0	38	2.9	4.9	0.38	XAE-700-30-FS
40	86	70	32.0	41	2.6	4.6	0.45	XAE-700-40-FS
60	76	125	32.0	51	2.0	3.7	0.75	XAE-700-60-FS
80	86	125	32.0	57	1.9	3.3	0.95	XAE-700-80-FS
90	76	180	32.0	65	1.8	2.6	1.00	XAE-700-90-FS
125	86	180	32.0	71	1.7	2.3	1.30	XAE-700-125-FS
Un 850VDC	Us 1275V	Urms	450VAC	Upeak	640V.AC			
22	76	70	32.0	35	3.3	4.9	0.38	XAE-850-22-FS
28	86	70	32.0	39	2.9	4.6	0.45	XAE-850-28-FS
40	76	125	32.0	47	2.2	3.7	0.75	XAE-850-40-FS
55	86	125	32.0	54	2.0	3.3	0.95	XAE-850-55-FS
70	76	180	32.0	63	1.9	2.6	1.00	XAE-850-70-FS
90	86	180	32.0	69	1.8	2.3	1.30	XAE-850-90-FS

XAE -	600 -	200-	FS
Series	Voltage	Capacitance	Dimension and terminal

F **M** Terminals code, F for insert thread
 M for Lead screw
S Bold code, stud mounting