

A16 型单相交流金属化薄膜电容器 / 交流滤波 Metalized film single-phase AC capacitor type A16 / AC filtering application

特点 Characteristics

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| 1. 安全防爆 | Safe and explosion-proof |
| 2. 金属化聚丙烯膜 | metalized polypropylene film |
| 3. 损耗非常小 | lower loss factor |
| 4. 低 ESR | low ESR |
| 5. 能承受大电流 | high current capability |
| 6. 耐高浪涌电流能力 | high surge current capability |
| 7. 能承受高峰值电流 | high peak current capability |
| 8. 自愈性 | self healing |
| 9. 长寿命 | long life expectancy |
| 10. 易于安装 | install conveniently |
| 11. 圆柱形卷绕 | cylindrical winding |

性能指标 Specification

额定电压	Rated voltage	200~1200VAC
额定电容量	capacitance	单相 single-phase:6 μ F~1000 μ F
内部连接 internal connection		single
容量偏差	cap tolerance	$\pm 5\%$
介质损耗角正切	media loss factor	2×10^{-4}
损耗角正切	loss factor	$\leq 10 \times 10^{-4}(1V, 100Hz)$
端子间耐电压	test voltage between terminals	1.5U _n , 10/60s
端子与外壳间耐电压	test voltage between terminals and case	(2U _n +1000)VAC, 60s
运行温度（外壳）	operating temperature(case)	-40℃~+70℃
热点温度	hot spot temperature(θ_{HS})	-40℃~+85℃
预期寿命（小时）	life expectancy(hours)	>100000
气候类别	climate category	40/85/56
封装	coating	圆柱状铝壳 Cylindrical aluminum case
填充材料 Filling material		聚氨酯、环氧树脂 Polyurethane, epoxy resin
引用标准	reference standard	IEC61881、IEC61071、GB/T 25121 GB/T 17702

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