

## A18 型三相交流金属化薄膜电容器 / 交流滤波 Metalized film three-phase AC capacitor type A18 / AC filtering application

### 特点 Characteristics

- |             |                               |
|-------------|-------------------------------|
| 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 $\mu$ F~850 $\mu$ F   |
| 内部连接 internal connection |                                         | $\triangle$                             |
| 容量偏差                     | cap tolerance                           | $\pm 5\%$                               |
| 介质损耗角正切                  | media loss factor                       | $2 \times 10^{-4}$                      |
| 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 <sub>n</sub> , 10/60s              |
| 端子与外壳间耐电压                | test voltage between terminals and case | (2U <sub>n</sub> +1000)VAC, 60s         |
| 运行温度（外壳）                 | operating temperature(case)             | -40℃~+70℃                               |
| 热点温度                     | hot spot temperature( $\theta_{HS}$ )   | -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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