

## Polypropylene Film Power Capacitor for AC motor run

### Technical data and specification:

Standard	IEC252/EN60252/UL810
Rated capacitance	1~80uF
Tolerance	+/-5%
Rated voltage	250 or 450 VAC
Rated frequency Vn	50/60Hz
Life expectancy Fn	3,000~10,000 Hours

### Maximum Ratings

Maximum permissible voltage $U_{max}$	1.1 $U_n$ ( $U_n$ : rated voltage)
Maximum permissible current $I_{max}$	1.3 $I_n$ ( $I_n$ : rated current)

### Technical data (cont'd)

#### Test data

AC test voltage terminal to terminal $U_{TT}$	2 $U_n$ 60 S
Insulation voltage terminals to case	2000 V ac
Insulation resistance $R_{is}$ or time constant Tat 20 °C Rel. Humidity $\leq 65^\circ\text{C}$ (Min.value)	3000 s
Dissipation factor $\tan\delta$ at 20 °C	$\leq 1.0 \times 10^{-3}$ (50Hz)
Maximum rate of voltage rises $du/dt_{max}$	10 V/ $\mu$ s

#### Climatic date

Climatic category	25/085/21 in accordance with IEC60068-1
Lower category $T_{min}$	-25°C
Upper category $T_{max}$	+85°C
Damp heat test $t_{test}$	21 days
Permitted capacitance $\Delta C/C$	$\leq 3\%$

