



## Data Sheet

2006-07-26

**Applications** MKP - AC Capacitor for Lighting, Motors and General Use

**Code** E12.D78-402000 / 223009

**Reference Standards**

ENEC / VDE	VDE
DIN EN 61048 A2, DIN EN 61049	IEC / DIN EN 60252-1
VDE 560-62	VDE 560-8
280 V~, 50/60 Hz	300 V~, 50/60 Hz

### Approval marks

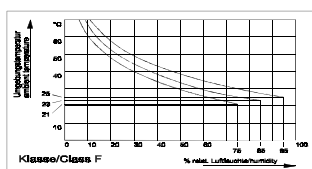


GMFNT  
10,000 h (B)  
40/100/21 (IEC 68)

UL810 / UL840



UL recognized component for USA and Kanada  
300V~, 50/60 Hz, -25 °C...+90 °C (≤50μF), AFC 10,000 A  
300V~, 50/60 Hz, -25 °C...+85 °C (>50μF), AFC 10,000 A  
File E211978



### Rated values

Rated capacitance 20 μF  
Tolerance of capacitance ± 5 %  
Rated voltage 280 V~, 300 V~  
Rated frequency 50/60 Hz  
Temperature range -40 °C to +100 °C,  
-40 °C to +85 °C (>50 μF)

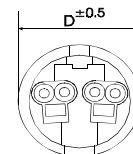
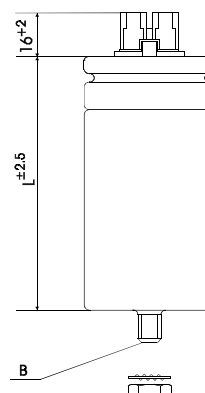
Application class GMFNT  
Service life / (class) 10,000 h (B)  
Type B (P2)  
Test class 40/100/21 (IEC 68)  
Limit values of relative humidity class F according DIN 40 040  
Condensation not permitted

### Test voltage

between terminals (2.15 · U<sub>N</sub>) V~  
between terminals and case 3,000 V~

### Construction

Terminal push-wire terminal with integrated discharge resistor  
Case Aluminium (DIN 41116)  
with base mounting stud (DIN 40011)  
washer DIN 6798 ø 8.4 enclosed  
nut DIN 439 M 8 enclosed  
max. fixing torque 5 Nm  
Protection break action mechanism  
Filling material based on vegetable oil, non-PCB, viscous



### Dimensions

Diameter D = 35 mm  
Length L = 78 mm  
Base mounting stud B: M 8 x 10 mm

Prolongation of case up to 10 mm has to be considered for the event of overload (action of the overpressure mechanism and electrical disconnection).



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