

# Low voltage power capacitor



## Manufacturing method

Capacitors are used MKP technology consists of metalized polypropylene film as the dielectric; the dry type capacitor operates within a cylindrical aluminum case. Under high vacuum use vapor deposition method to deposited thin zinc composite layer on both sides of the polypropylene film. It is very excellent self-healing design. Capacitor generally did not need internal short circuit protection. It use nitrogen as a protective gas. It has realized the revolution of insulating dielectric.

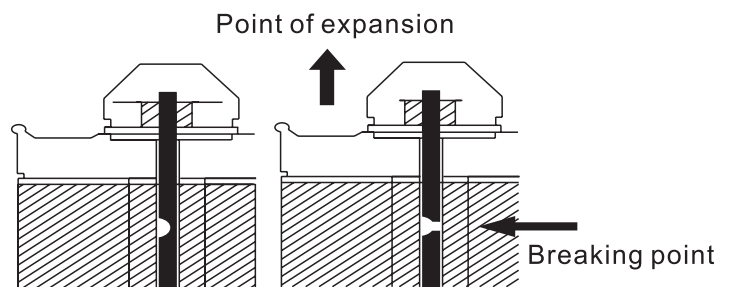
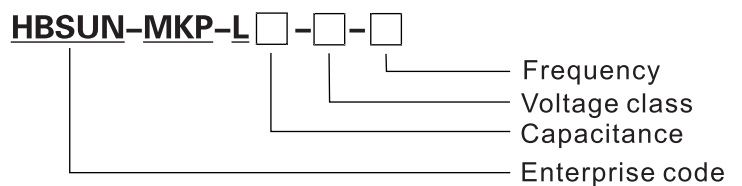
## Technical parameter

- Rated voltage 230V,440V,468V,480V,525V,620V,759V,810V,825V (within 8 hours a day, max+10%) 50/60HZ
- Insulation level 950V AC/2s  
3KV AC/10s
- Power 4.16~50kvar
- Dielectric losses 0.25~0.4W/kvar
- Current load 1.5×IN, 1.7×IN, 2.0×IN
- Warranty period 30 months
- Service life 125,000 hours
- Technical standard EN60831-1, IEC60831-1
- Temperature class -25/D, (max+55°C)

## Advantage

- Explosion-proof design, reliable overpressure disconnection.
- Compact design, light weight, can be mounted in any position without restrictions.
- Inflatable, environmental protection, no pollution, no leakage.
- High reliability and long service life expectancy.

## Model



MKP capacitor overpressure safety disconnector