

MKV-E1X-19-100



Model: MKV-E1X-19-100
Technology: Bimetalized paper
Type: Single phase
Capacitance C (μF): 19
Rated Urms (V): 1000
Rated voltage UN (V): 1415
Voltage UNDC (V): 2100
Peak voltage Us (V): 3000
Max current (Arms): 60
Peak current (A): 4900
Series resistance (mΩ): 1,6
Thermal resistance (°C/W): 4,1
Self inductance (nH): 140
Diameter (mm): 90
Height (mm): 199
Weight (kg): 1350
Creepage between terminals (mm): 19
Clearance (mm): 15

Generalities

Expressly designed for AC applications, the MKV capacitors can be used with AC voltage up to Urms.

- Compact design
- Low losses
- High current
- High temperature

Technical Info

The capacitor consists of bimetalized paper windings filled with oil. This technology gives many advantages:

- good impregnation
- very low losses
- good capability to withstand inrush currents
- reduction of the field strenght at the edges of the electrodes
- safe operation by means of an integrated overpressure disconnector

Useful life: 100.000 hrs at 85 °C hot-spot and Un

Failure rate: 500FIT

Operating temperature: -25/+85 °C

Storage temperature: -40/+85 °C

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