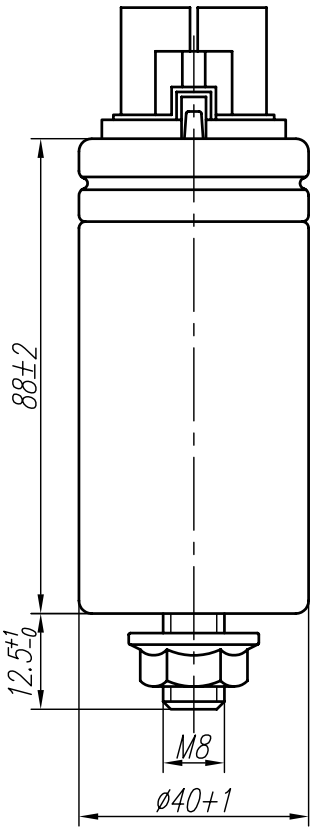
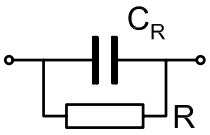
ISO 9001:2008
KEMA
Nr 51810

MKSP-025

AC METALLIZED POLYPROPYLENE FILM CAPACITORS FOR USE IN DISCHARGE LAMP CIRCUITS (TYPE B)





Ver. 4
20µF

TECHNICAL DATA

- Capacitance tolerance:	- ±5%,
- Rated voltage:	- 450V / 50-60Hz,
- Climatic category:	- 40/085/10,
- Relative humidity in capacitor environment at 20 ÷ 25 °C:	- 75% (annual average) - 95% (max value within 30 days)
No vapour condensation on the capacitor surface is allowed.	
- Dissipation factor (tgδ):	- ≤0,0015at f = 50Hz,
- Dielectric strength between terminals:	- $2U_N$ - 2sec.,
between terminals connected together and case:	- 2kV / 50Hz - 2sec.,
-dV/dt:	- ≤20V/µsec.
- The capacitors meet the requirements of:	- PN-EN 61048 and PN-EN 61049.

This product fulfils the requirements of RoHS (2002/95/WE).

APPLICATION

The MKSP-025 capacitors (type B) are intended to use in a.c. circuits with a frequency of 50Hz, particulary in the circuits of discharge lamps (eg. fluorescent lamps, sodium-vapour lamps, etc) . These capacitors are characterized by low inductance, reliable contact, and self-healing ability. The winding element is placed into aluminium case. The MKSP-025 capacitors (type B) have overpressure safety break-action mechanism, which to ensure a proper operation requires a free distance of at least 10mm above the terminals. In case of failure or end of the capacitor's useful service life, the pressure may rise inside the capacitor. With the rising pressure, the case begins to expand by opening the fold crimp. As a result, the connecting wires inside the capacitor are separated and the current path is interrupted irreversibly. This way, the capacitor is disconnected from the mains, and no conducting or burning parts can escape from inside the capacitor. Depending on capacitor version, the terminals are either soldering terminals or a connector with discharging resistor; the connector is suitable for assembling of 4 wire with a cross section of 0.5 ÷ 1.5mm².

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Revision date
14.03.2011
I140V620I-D00