


rated voltages		230 ... 800 V, 50 Hz
permitted overvoltages and test voltages		in accordance with IEC EN 60831-1/2 (see data charts for details)
tolerance of capacitance		- 5 ... + 10 %, ± 5 % on request
maximum permissible current		at least 1.3 I <sub>N</sub> , see data charts for details
max. inrush current	MKPg 276, MKP(D) 276 MKP-UHD 280	300 x I <sub>N</sub> 400 x I <sub>N</sub>
dissipation losses (capacitor)		approx. 0.25 ... 0.40 W/kvar
internal connection		delta
safety device		BAM™ (overpressure break action mechanism)
dielectric material		low-loss polypropylene, dry
impregnant (filling material)	MKPg 276 MKP(D) 276, MKP-UHD 280	inert insulation gas (N <sub>2</sub> ) resin, based on vegetable oil
mounting position	MKPg 276 MKP(D) 276, MKP-UHD 280	any position vertical position recommended
max. relative humidity		95 % (climatic class C; MKP(D) 276 only: climatic class F)
operating temperatures		see data charts for ambient temperature class
storage temperature		-50 ... +85°C
max. altitude abv.s.l.		4000 m a.s.l.
statistical life expectancy		100,000 ... 200,000 h depending on type range and operating temperatures (see charts for details)
applied standards		IEC EN 60831, VDE 0560-46/47 UL Standard No. 810, CSA C22.2 No. 190, GOST 1282-88, IS 13340/13341
approval marks		<b>all capacitors in this catalogue:</b> UL/C-UL recognized component, 10,000AFC internally protected <b>selected items:</b> CSA (C/US)

General  
Technical  
Data

All capacitors listed in this catalogue comply with the relevant regulations and guidelines of the European Union: 2014/35/EU (Low-Voltage Directive).

This is proven by the technical documentation and compliance with the following standard: IEC/DIN EN 60831-1/2:2014

