

# Energy Design Services, LLC

## MKP Gas Three Phase Capacitors

### Main Technical Data

over voltage	$U_{max}$	1.1 $U_N$ up to 8 h dailiy, 1.15 $U_N$ up to 30min dailiy, 1.3 $U_N$ up to 1min
over current	$I_{max}$	1.3 x $I_N$
inrush current	$I_S$	200 x $I_N$
losses		$\leq 0.25W/kvar$
tolerance		5%/+5%~+15% $C_n(uf)$
T-T	$U_{TT}$	2.15 $U_N$ $\leq 10S$
T-C	$U_{TC}$	$U_N = \leq 660V:3000 V_{AC} \leq 10S$ exceed $U_N = 660V:6000V \leq 10S$
Useful Life	$T_{LDE}^{CO}$	100000hours
temperature	LCT/UCT	Max.55C,min $\leq 35C$
cooling		natural or forced
humidity	$H_{rel}$	max.95%
altitude		$\leq 3000m$
mounting		random
install		M12 mm stud on bottom of case
safety		new dry technology,self-healing,overpressure and over current disconnecter,protection againt electric shock hazzard,
discharge		included
case		extruded aluminum cases
protection		IP20
dielectric		metallized polypropylene film
impregnatio n		protection gas or risin
terminals		dual three-way terminal,max.32mm <sup>2</sup> cable
standard		IEC831-1(2),EN60831-1,2,VDE0560-46,47,GB12747-91,CE