



|| 10 kVAr

Three-phase cylindrical capacitors Nitrogen (N2) Gas filled

Code	MKPG10525									
Rated Voltage	400 ÷ 525 V		24h	8h	30m	15m	5m	1m	Peak	
Rated Frequency	50 Hz	Vmax	525	580	600					
Capacitors Voltage	525 V	Imax	3In		4In		5In			
Capacitors Voltage max 8h/day	580 V									
THDi max	≤ 25 %									
THDc	80 %									
Power @ 400 V	5.8 kvar									
Power @ 415 V	6.2 kvar									
Power @ 440 V	7.00 kvar									
Power @ 525 V	10 kvar									
Capacitance	3x38 uF									
Capacitance tolerance	-5...+10 %									
Power dissipation	0,25 W/kVAr									
UTT	1035 V rms / 2 sec.									
UTC	3,6 kV rms / 2 sec.									
Protection Degree	IP20									
Humidity class	C									
Temperature class	-50/C									
Reference standards	IEC60831-1/2, VDE0560-46/47 UL N.810 CSA C22 N.2									



Generalità costruttive

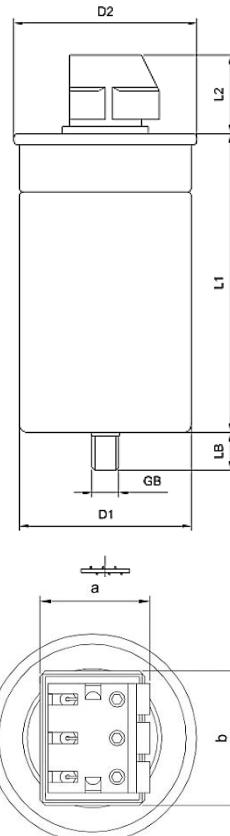
Self-healing metallized polypropylene film.

Housing in cylindrical aluminum box, hermetically sealed.

Overpressure safety device. IP20 terminals with terminal board.

The gas insulation, thanks to the characteristics of the Nitrogen (N2), a "free humidity Gas" (dry type) exacerbates any possible infiltration of air inside the cylinder which, following an electrical discharge, would cause the fault of Capacitor.

Furthermore, Nitrogen is a non-flammable gas and therefore the use of this type, even in case of breakage, would not result in a fire risk.



Expected life	>150.000 ore
Installation	Horizontal / Vertical
Dimensions (WxH)	75*230
D1	75 ± 1 mm
D2	79.3 ± 0.5 mm
L1	230 ± 2
L2	25 + 5 / -2 mm
LB	16 + 1 mm
GB	M12
a	35.5 ± 1 mm
b	40 ± 1 mm
Weight	1,0 Kg