

MKPR

12.5 kVAr

Three-phase cylindrical capacitors Resin filled

Code	MKPR12.5400
Rated Voltage	400 ÷ 460 V
Rated Frequency	50 Hz
Capacitors Voltage	460 V
Capacitors Voltage max 8h/day	520 V
THDi max	≤ 25 %
THDc	80 %
Power @ 400 V	9.45 kvar
Power @ 415 V	10.17 kvar
Power @ 460 V	12.5 kvar
Capacitance	3x82 uF
Capacitance tolerance	-5...+10 %
Power dissipation	0,25 W/kVAr
U _{TT}	1035 V rms / 2 sec.
U _{Tc}	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

	24h	8h	30m	15m	5m	1m	Peak
V _{max}	460	520	535	555	600	1410	
I _{max}	2In		3In	4In			10 In



Construction features

Self-healing metallized polypropylene film.
Housing in cylindrical aluminum box, hermetically sealed. Overpressure safety device. IP20 terminals with terminal board.

Expected life	>150.000 ore
Installation	Horizontal / Vertical
Dimensions (WxH)	75*245
D1	75 ± 1 mm
D2	79.3 ± 0.5 mm
L1	245 ± 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

