PhaseCap™ HD
B25669-A3996-J375
MKK400-D-50-21
4RB5 500-5 AB 40

Characteristics

C_N	Δ	3x 332 µF ±5 %		
U_N		AC 400 V		
f_N		50 Hz	60 Hz	*)
Q_N		50 kvar	60 kvar	*)
I_N		3x 72 A	86 A	*)

$\tan\delta_0$ 0,2 W/kvar (dielectric)

*) Temperature class deviation -40/B max. 45°C

Maximum ratings

U_{max}	AC 440 V, 8 h daily
	AC 520 V, 1 min
$I_{r(40)}$	3x 90 A (Θ_A = 40°C, U_N)
I_s	20 kA
$(du/dt)_{max}$	14 V/µs
$(du/dt)_s$	35 V/µs

Test data

U_{TT}	AC 900 V, 10 s
U_{TC}	AC 3000 V, 10 s

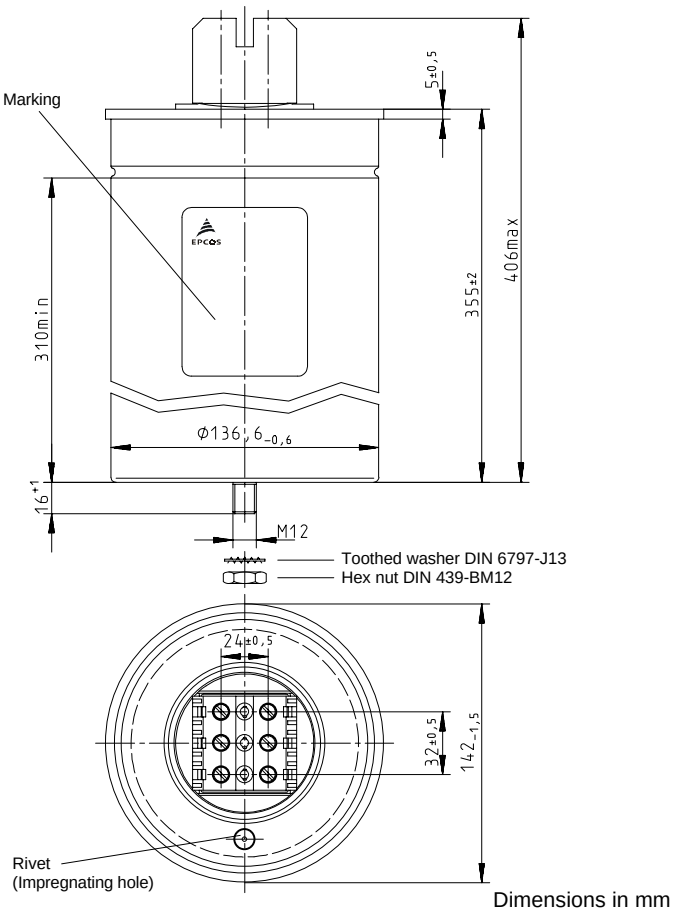
$\tan\delta$ (50 Hz) ≤ 0,4 W/kvar (total)

Climatic category -40/D

Θ_{min}	–40 °C
Θ_{max}	+55 °C
Humidity	Max. relative Humidity ≤95 %
Θ_{stg}	–55 bis +70 °C

Life expectancy

t_{LD} 100 000 h



Dimensions in mm

Design data

Dimensions Ø x l	142 x 355 mm (5,59 x 13,98 in)
Approx. weight	4,7 kg (10,4 lb)
Impregnation	Gas
Fixing	Threaded bolt M12
Mounting hole	14 mm (0,55 in)
Max. torque	10 Nm
Terminals	Isolated terminal, IP20
Max. torque	2,5 Nm
Terminal cross section	35 mm² (2 AWG)
Creepage distance	15 mm (0,59 in)
Clearance	12 mm (0,47 in)

Overpressure disconnector

Upright mounting position

Remarks

Natural cooling

The information in our data book / sheet describes the type of component and shall not be considered as assured characteristics.

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