

Characteristics

C_N	Δ	3x 219 μ F \pm 5 %	
U_N		AC 440 V	
f_N		50 Hz	60 Hz
Q_N		40 kvar	48 kvar
I_N		3x 52 A	62 A
$\tan\delta_0$		0,2 W/kvar (dielectric)	

Maximum ratings

U_{max}	AC 480 V, 8 h daily
	AC 570 V, 1 min
$I_{r(40)}$	3x 95 A ($\Theta_A = 40^\circ\text{C}$, U_N)
I_s	17 kA
$(du/dt)_{max}$	18 V/ μ s
$(du/dt)_s$	45 V/ μ s

Test data

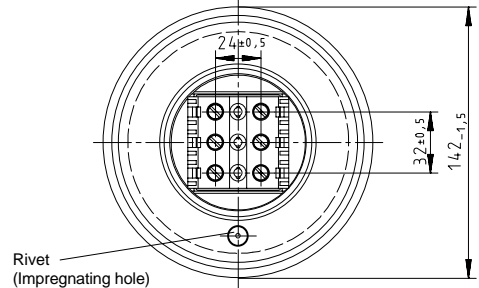
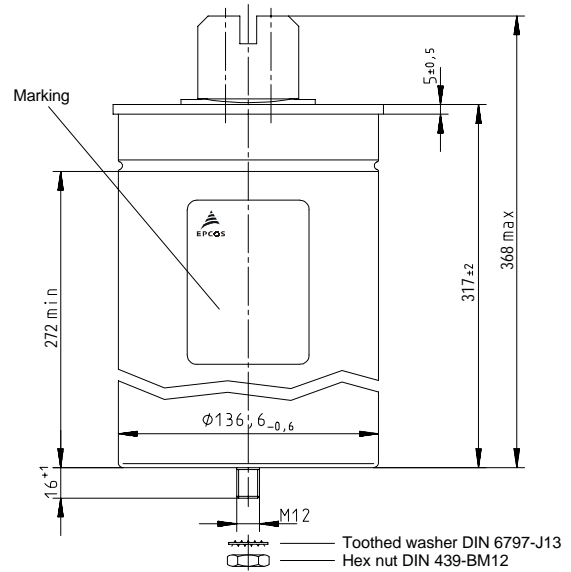
U_{TT}	AC 950 V, 10 s
U_{TC}	AC 3000 V, 10 s
$\tan\delta$ (50 Hz)	\leq 0,4 W/kvar (total)

Climatic category -40/D

Θ_{min}	-40 °C
Θ_{max}	+55 °C
Humidity	Max. relative Humidity \leq 95 %
Θ_{stg}	-55 bis +70 °C

Life expectancy

t_{LD}	100 000 h
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Dimensions in mm

Design data

Dimensions ϕ x l	142 x 317 mm (5,59 x 12,48 in)
Approx. weight	4,4 kg (9,7 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 mm ² (2 AWG)
Creepage distance	15 mm (0,59 in)
Clearance	12 mm (0,47 in)
Overpressure disconnecter	
Upright mounting position	

Remarks

Natural cooling