

Characteristics

C_N	1x 100 $\mu\text{F} \pm 5 \%$	
U_N	AC 400 V	
f_N	50 Hz	60 Hz
Q_N	5 kvar	6 kvar
I_N	1x 13 A	16 A

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

Maximum ratings

$U_{\max}$	AC 440 V, 8 h daily AC 520 V, 1 min
$I_{r(40)}$	1x 35 A ($\Theta_A = 40^\circ\text{C}$, U_N)
I_s	3500 A
$(du/dt)_{\max}$	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

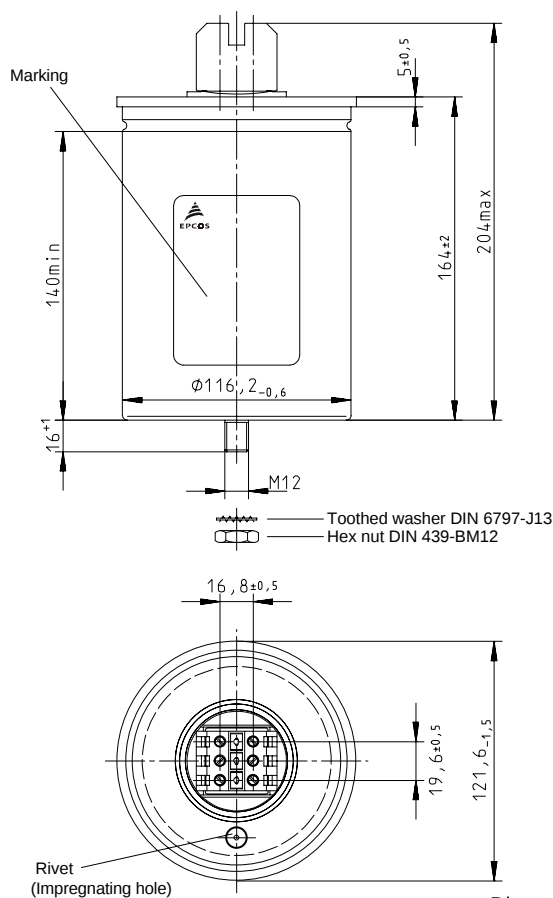
$\tan \delta$ (50 Hz) $\leq 0,5$ W/kvar (total)

Climatic category -40/D

$\Theta_{\min}$	-40 °C
$\Theta_{\max}$	+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 $\Phi \times l$	121,6 x 164 mm (4,79 x 6,46 in)
Approx. weight	1,1 kg (2,4 lb)
Impregnation	Gas
Fixing	Threaded bolt M12
Mounting hole	14 mm (0,55 in)
Max. torque	10 Nm
Terminals	Isolated terminal, IP20
Max. torque	1,2 Nm
Terminal cross section	16 mm ² (5 AWG)
Creepage distance	12,7 mm (0,50 in)
Clearance	9,6 mm (0,38 in)
Overpressure disconnecter	
Any mounting position possible	

Remarks

Natural cooling