

**Technical data**

Nominal capacitance	$C_N$	430 $\mu\text{F} \pm 5\%$
Nominal voltage dc	$U_{\text{NDC}}$	900 V
Energy	$W_N$	182,25 Ws
Nominal current	$I_N$	55 A
Max. Peak current	$\hat{I}$	7200 A
Max. Pulse rise time	$\Delta U/\Delta t$	16 V/ $\mu\text{s}$
Series resistance	$R_S$	< 3,50 m $\Omega$
Dissipation factor	$\tan\delta$	2 $\times 10^{-4}$
Self inductance	$L_E$	< 60 nH
Min. Operating temperature	$\vartheta_{\text{min}}$	-40 °C
Max. Operating temperature	$\vartheta_{\text{max}}$	+70 °C
Storage temperature	$\vartheta_{\text{Lager}}$	-45...+85 °C
Thermal resistance	$R_{\text{th}}$	2,1 °C/W
Climatic category DIN IEC 68/1		40/070/21

**Test Data**

Test voltage between terminals	$U_{\text{TT}}$	1350 V dc / 10s
Test voltage between terminal/case	$U_{\text{TC}}$	4600 V ac / 60s

<b>Life expectancy</b>	100 000 h
@ hot spot	60 °C

Failure rate	1 fit
@ 0,5 x $U_N$ ; 40°C	

**General technical data**

Casing material	Aluminium
Base Stud	M12 x 16, torque 7Nm
Dielectric	Polypropylene
Terminals	M8 x 18, torque 6Nm
Weight	ca. 0,9 kg

