

Technical data

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

Test Data

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

Life expectancy	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

