

**Technical data**

Nominal capacitance	$C_N$	100	$\mu\text{F} \pm 10\%$
Nominal voltage dc	$U_{\text{NDC}}$	1100	V
AC voltage max	$U_{\text{MaxAC}}$	200	V
Energy	$W_N$	40,5	Ws
Max. current /1 kHz @ Busbar Temp < 50 °C	$I_{\text{Max}}$	100	A

Max. periodic Peak current	$\hat{I}_{\text{Periodic}}$	2500	A
Max. Peak current	$\hat{I}_{\text{Max}}$	20	kA
Max. Pulse rise time	$\Delta U/\Delta t$	22,4	V/ $\mu\text{s}$
Series resistance	$R_{\text{ESR}}$	< 0,9	m $\Omega$
Dissipation factor	$\tan\delta$	2	$\times 10^{-4}$
Therm. Resistant to Busbar	$R_{\text{th}}$	7	K/W

Self inductance	$L_E$	10,5	nH
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Min. Operating temperature	$\vartheta_{\text{min}}$	-25	°C
Max. Operating temperature	$\vartheta_{\text{max}}$	+85	°C
Storage temperature	$\vartheta_{\text{Lager}}$	-40...+85	°C

Climatic category DIN IEC 68/1	25/070/21
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**Test Data**

Test voltage between terminals $U_{\text{TT}}$	1650	V dc / 1
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<b>Life expectancy</b>	100000	h
@ hot spot	60	°C
Failure rate	FIT	100

**General technical data**

Coating	PA 66 plastic case with polyurethane resin sealing Flame retardant according to UL 94V-0
Dielectric	polypropylene
Terminals	nickel-plated brass M8 x 20
Torque M8	6 Nm
Creep distance	29 mm
Weight	~ 0,4 kg

