

**Technical data**

Nominal capacitance	$C_N$	150 $\mu\text{F} \pm 10\%$
Nominal voltage dc	$U_{\text{NDC}}$	600 V
AC voltage max	$U_{\text{MaxAC}}$	100 V
Energy	$W_N$	60,5 Ws
Max. current /1 kHz @ Busbar Temp < 50 °C	$I_{\text{Max}}$	100 A

Max. periodic Peak current	$\hat{I}_{\text{Periodic}}$	3500 A
Max. Peak current	$\hat{I}_{\text{Max}}$	30 kA
Max. Pulse rise time	$\Delta U/\Delta t$	20,2 V/ $\mu\text{s}$
Series resistance	$R_{\text{ESR}}$	< 0,8 m $\Omega$
Dissipation factor	$\tan\delta$	2 x10 <sup>-4</sup>
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	$U_{\text{TT}}$	1350 V dc / 10s
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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 polyurethan 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

