

**Technical data**

Nominal capacitance	$C_N$	135 $\mu\text{F} \pm 10\%$
Nominal voltage dc	$U_{NDC}$	900 V
AC voltage max	$U_{MaxAC}$	125 V
Energy	$W_N$	54,7 Ws
Max. current /1 kHz @ Busbar Temp < 50 °C	$I_{Max}$	100 A
Max. periodic Peak current	$\hat{I}_{Periodic}$	2700 A
Max. Pulse rise time	$\Delta U/\Delta t$	20 V/ $\mu\text{s}$
Series resistance	$R_{ESR}$	< 1 m $\Omega$
Dissipation factor	$\tan\delta$	8,7 $\times 10^{-4}$
Therm. Resistant to Busbar	$R_{th}$	3,1 K/W
Self inductance	$L_E$	10,5 nH
Min. Operating temperature	$\vartheta_{min}$	-45 °C
Max. Operating temperature	$\vartheta_{max}$	+105 °C
Storage temperature	$\vartheta_{Lager}$	-45...+105 °C
Climatic category DIN IEC 68/1		45/105/21

**Test Data**

Test voltage between terminals	$U_{TT}$	1350 V dc / 10s
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**Life expectancy**

@ hot spot	>300 000 h	85 °C
@ nominal voltage dc		280 Vdc
Failure rate	FIT	100

**General technical data**

Coating	PA 66 plastic case with polyurethane resin sealing Flame retardant UL 94V-0 compliant
Dielectric	Polypropylene
Terminals	Nickel-plated brass inserts M5 x 7,5 mm
Torque M8	6 Nm
Creepage distance	29 mm
Weight	~ 0,4 kg

