

Technical data

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

Max. periodic Peak current	$\hat{I}_{\text{Periodic}}$	3500 A
Max. Peak current	\hat{I}_{Max}	30 kA
Max. Pulse rise time	$\Delta U/\Delta t$	20,2 V/ μs
Series resistance	R_{ESR}	< 0,8 m Ω
Dissipation factor	$\tan\delta$	2 x10 ⁻⁴
Therm. Resistant to Busbar	R_{th}	7 K/W

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

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

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

