

Technical data

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

Max. periodic Peak current	$\hat{I}_{\text{Periodic}}$	2500	A
Max. Peak current	\hat{I}_{Max}	20	kA
Max. Pulse rise time	$\Delta U/\Delta t$	22,4	V/ μs
Series resistance	R_{ESR}	< 0,9	m Ω
Dissipation factor	$\tan\delta$	2	$\times 10^{-4}$
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}	1650	V dc / 1
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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 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

