

Film-Foil Capacitors

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Technical data

Nominal capacitance	C_N	2600 $\mu\text{F} \pm 10\%$
Nominal voltage dc	U_{NDC}	1800 V
Energy	W_N	4212 Ws
Nominal current	I_N	260 A
Max. Peak current	\hat{I}	39 kA
Max. Pulse rise time	$\Delta U/\Delta t$	15 V/ μs
Series resistance	R_S	< 1 m Ω
Dissipation factor	$\tan\delta$	2 x10 ⁻⁴
Self inductance	L_E	< 60 nH
Min. Operating temperature	ϑ_{min}	-40 °C
Max. Operating temperature	ϑ_{max}	+70 °C
Storage temperature	ϑ_{Lager}	-40...+85 °C

Climatic category DIN IEC 68/1 40/070/21

Test Data

Test voltage between terminals	U_{TT}	2700 V dc / 10s
Test voltage between terminal/case	U_{TC}	5000 V ac / 60s

Life expectancy 100 000 h
@ hot spot 55 °C

General technical data

Casing material	Stainless Steel, Polyurethane Resin
Dielectric	Polypropylene
Terminals	M8 x 22, torque 10Nm
Weight	On receipt of the caps the terminals will be short circuited ca. 31 kg

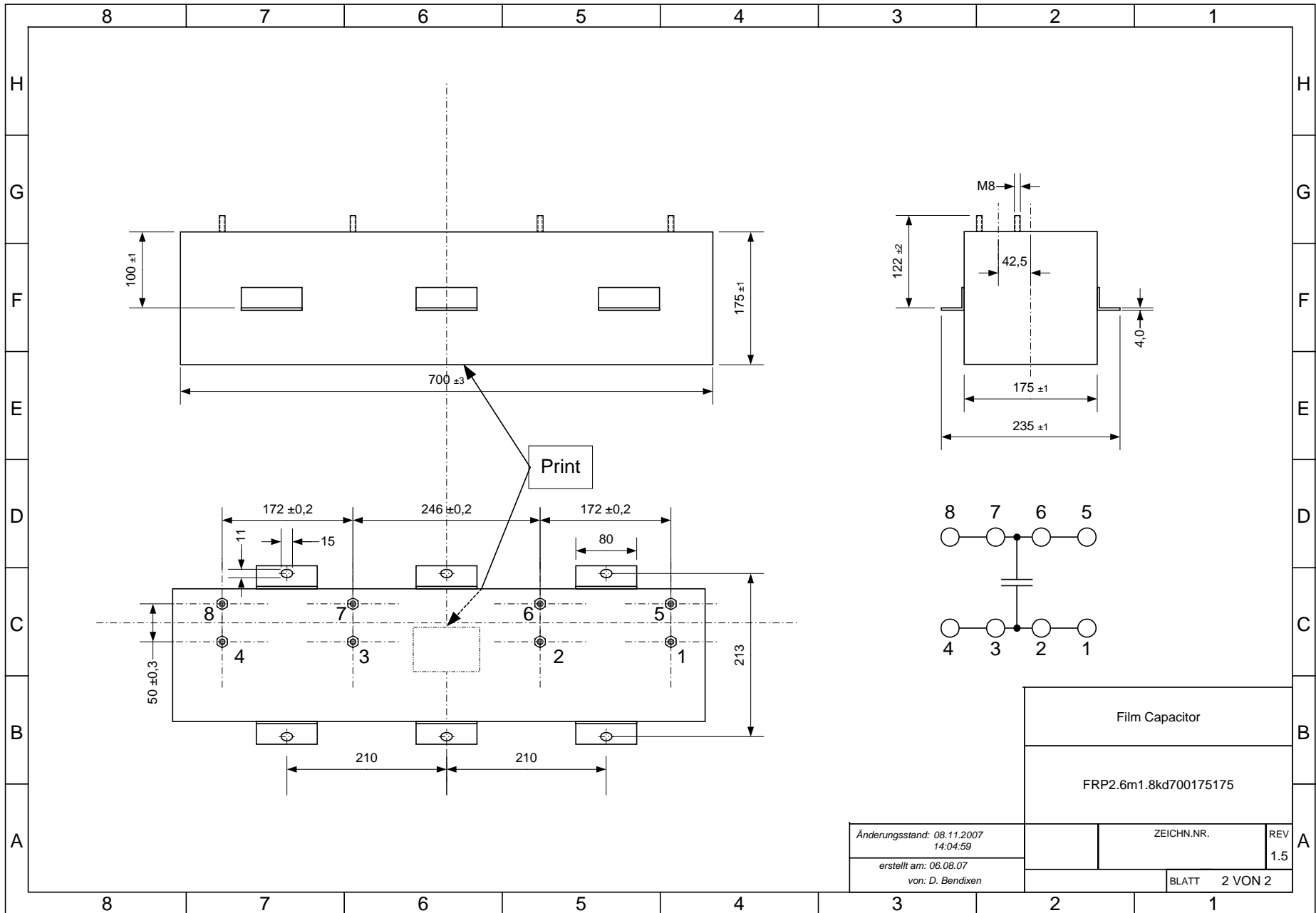
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F&T FRP
2600 $\mu\text{F} \pm 10\%$
1800 VDC
>Date Code Year/Month<
1008721

Condensateurs CH-1400 Yverdon-les-Bains
Kondensatoren Tél. : +41 24 445 66 88
Capacitors Fax : +41 24 445 66 89

Le Janché
Capacitors
A FISCHER & TAUSCHE COMPANY

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Film Capacitor
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