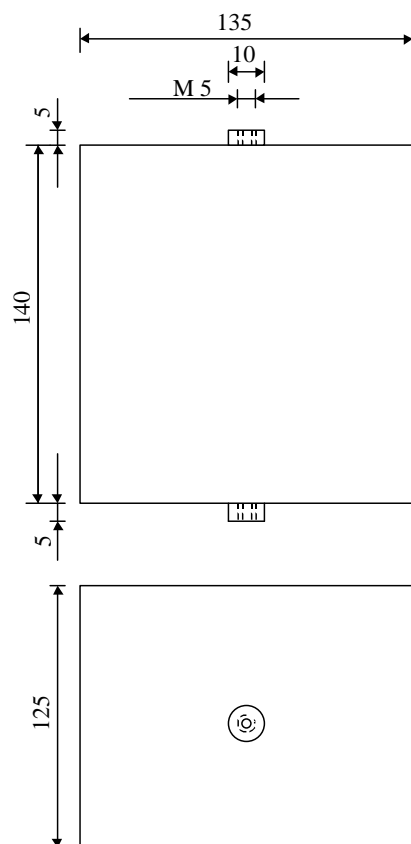


5351

Discharge capacitors

TYPE
 MIXHT 3000-010 r K


Mixed dielectric

Film-foil

Epoxy resin sealing

Parameters	Symbols	Values	Units	Conditions
Capacitance	C	100	nF	20°C, 1 kHz
Tolerance		10	%	
Rated voltage	Un DC	30000	VDC	
Rated voltage	Un AC	2500	VAC	
RMS current max	I eff	3	A eff	f > 3620 Hz
Slope of voltage variation	du/dt max.	30'000	V/μs	max. repetitive
Repetitive surge current	I cr. max	3000	A eff	max. repetitive
Power loss factor	tgδ	≤ 10 E-4		1 V / 1 kHz / 25 °C
Stray inductance	ESL	≤ 200	nH	
Insulation resistance	Ri x C	> 10'000	s	500 VDC - 1 min
Test voltage between terminals	U T1	60000	VDC	1 min
Climatic category		25/70/56		
Estimated operational life		1'000'000	pulses	30000 V p-p

Dimensions	Symbols	Values	Units	Conditions
Dim.		125 x 135	mm	
Height	H	145	mm	
Terminals				
Thread		M5 x 10	mm	

	M2			
	M1			
	M0			
	Modification	Date	Author	

Condensateur CH 1400 Yverdon-les-Bains

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Leclanché
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289

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