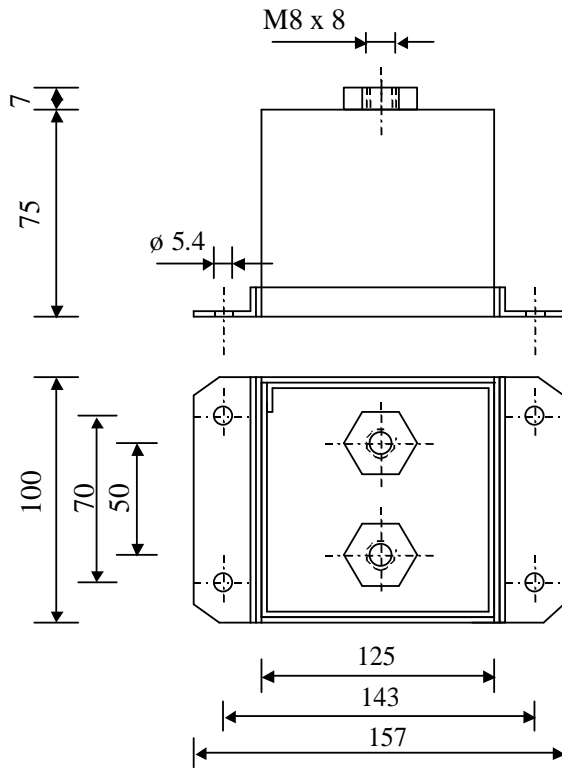


#5714

Discharge Capacitors

PPMF 105-50.0 r



Preliminary
Data Sheet

Dielectric of metallized
polypropylene

Threaded outputs

Resin end sealing

Aluminium case
thick 1.2 mm

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	50	μF	1 V / 1 kHz
Tolerance		+ 10 / - 0	%	
Rated voltage	Un DC	1'050	VDC	
Maximum voltage	Us max.	1'500	V	
Rated voltage	Un AC	360	Veff	50 Hz
RMS Current	I RMS max	20	Aeff	10 kHz
slope of voltage variation	du/dt max.	80	V/ μsec	max. repetitive
Repetitive surge current	I cr. max	4000	A	
Tangent delta	tg δ	22	1C ⁴	1 V / 1 kHz
Equivalent serie resistance	ESR	≤ 7	m Ω	10 kHz
Stray inductance	ESL	≤ 150	nH	
Insulation resistance	Ri x C	> 20'000	s	500 VDC - 1 min
Test voltage between terminals	U T1	4'500	VDC	10 s
Test voltage between terminals to case	U T2	3'500	VAC	50 Hz - 1 min
Operating temp.		- 25 / + 70 °C		
Estimated operational life (-3%)		> 20'000	Pulses	1500 V / 4000 A
Maximum repetition rate	Fr. max	30	Hz	limited for the I RMS

Dimension	Symbol	Value	Unit	Conditions
Width	B	100	mm	
Length	L	125	mm	
Height	H	75	mm	
Thread		M8 x 8	mm	
Thread spacing		50	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

Condensateurs CH 1400 Yverdon-les-Bains
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Le lanché
Capacitors
A FISCHER & TARGHEE COMPANY

HJJ

09.04.2008

faisab5714.XLS