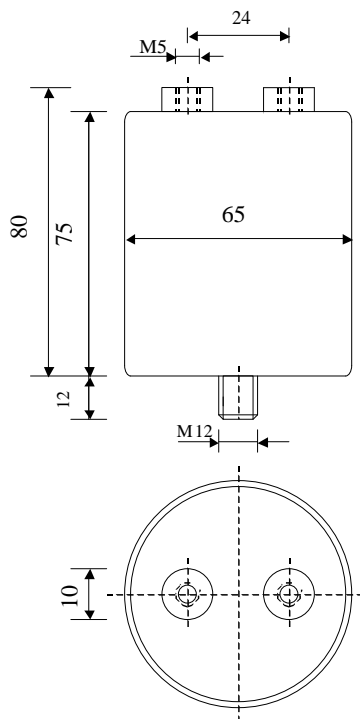


#5571

Discharge Capacitors

PPMF 100-50.0 cv6 K

Dielectric of metallized
polypropylene

Threaded outputs

Resin end sealing

Aluminium case

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	50	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	Un DC	1000	VDC	
RMS Current	I _{eff max.}	25	A _{eff}	10 kHz
Slope of voltage variation	du/dt max.	20	V/ μs	max. repetitive
Repetitive surge current	I cr. max	1000	A	
Tangente delta	tg δ	≤ 19	10^{-4}	1 V / 1 kHz
Equivalent serie resistance	ESR	5.3	m Ω	1 V / 10 kHz
Stray inductance	ESL	≤ 120	nH	
Insulation resistance	Ri x C	$\geq 20'000$	s	300 VDC - 1 min
Test voltage between terminals	U T1	1500	VDC	10 s
Test voltage terminals to case	U T2	2500	VAC	50 Hz / 1 min
Climatic category		40/85/56		
Estimated operational life (-3%)		100×10^6	Pulses	1000 V / 1000 A

Dimension	Symbol	Value	Unit	Condition
Diameter	D	65	mm	
Height	H	75	mm	
Terminals				
Thread		M5 x 10	mm	
Thread spacing	e	24	mm	
Fixing stud		M12 x 12	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

Condensateurs CH 1401 Yverdon-les-Bains
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Le Lanché
Capacitors
A FISCHER & TROSCHE COMPANY

HJJ

12.06.2006

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