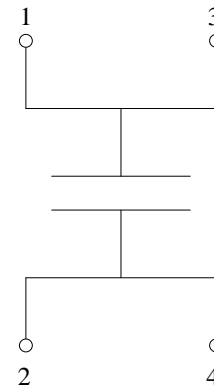
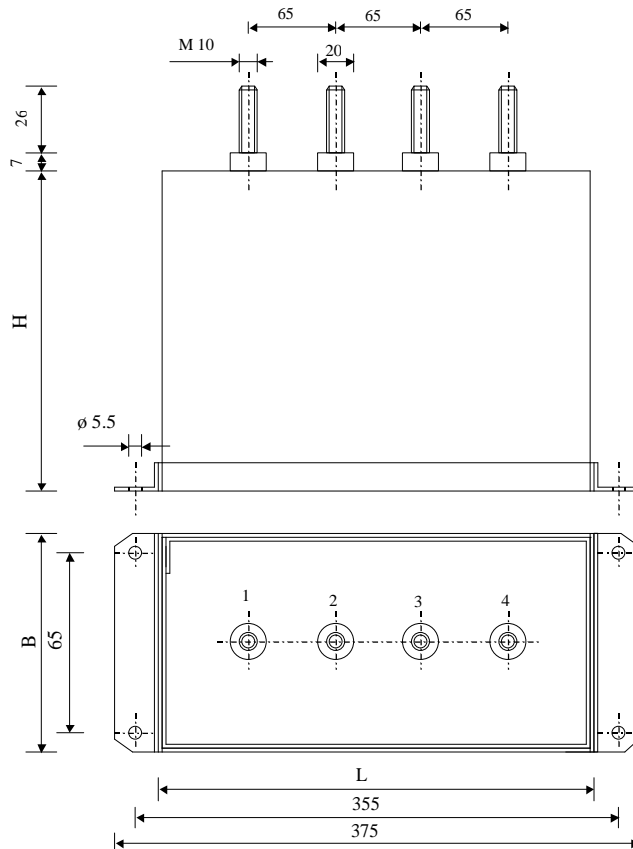


#6171

Discharge Capacitors

PPMF 70-300.0 r K



Dielectric of metallized polypropylene

Threaded outputs

Resin end sealing

Aluminium case
thick 1.2 mm

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		300	μF	1 V / 100 Hz
Tolerance			± 10	%	
Rated Voltage	$U_n \text{ DC}$		1'500	VDC	
Operating Voltage	U_{op}		700	VDC	
Discharge Current (half-sine wave)	$I_{cr. max}$		5'000	A	0.1 ms
Default Current	I_s		10'000	A	
Maximum RMS current	I_{RMS}		250	A	5 kHz / 35°C
Equivalent serie resistance	ESR		≤ 0.42	$\text{m}\Omega$	5 kHz
Stray inductance	ESL		≤ 40	nH	
Insulation resistance	$R_i \times C$		$> 30'000$	s	300 VDC - 1 min
Test voltage between terminals	U_{T1}		1'700	VDC	10 s
Test voltage between terminals to case	U_{T2}		2'500	VAC	50 Hz - 1 min
Operating temp.			$+ 10 \text{ to } + 35 \text{ }^\circ\text{C}$		
Maximum Repetition rate			50	Hz	
Ringing Frequency			5000	Hz	
Estimated operational life at 35°C			500×10^6	Cycles	700 V / 5 kA
Dimension	Symbol			Unit	Conditions
Width			95	mm	
Length			335	mm	
Height			240	mm	
Thread (4 x)			M10 x 26	mm	
	M1				
	M0				
	Modification	Date	Visa émetteur		

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Leclanché
Capacitors
A FROEYER & TROUSCHER COMPANY

HJJ

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