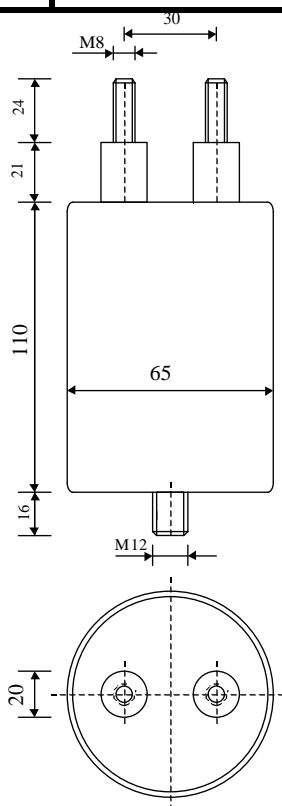



3485

Power Electronics Capacitor

TYPE
PAM 64-10.0 cv6S

Metallized Polypropylene
Aluminium casing \varnothing 65 x 110
Threaded stud at base: M12 x 16
Resin epoxy end-seal
2x threaded studs: M8 x 24

Parameters	Symbol	Value	Unit	Conditions
Capacitance	C	10	μF	20°C, 1 kHz
Tolerance		-5 / + 10 %	%	
Rated Voltage	Un AC	640	VAC	750 Hz - 6 min / h
Rated Voltage	Un DC	750	VDC	
Slope of Voltage Variation	du/dt max	67	v/ μs	
Maximum repetitive peak voltage	Icr	670	A	
Max RMS	I eff	10	A eff	750 Hz - perm.
Tangent delta	tg δ	$\leq 5 \text{ E-}4$		Un 50 Hz
Serial resistance	ESR	≤ 5.1	m Ω	1 V - 10 kHz
Time constant	Ri x C	$\geq 10'000$	s	500 VDC - 1 min
Serial inductance	ESL	≤ 230	nH	
Climatic category		25/70/56		
Lifecycle	L	$> 120'000$	h	Un AC / Ieff / 70°C
Test voltage between terminals	Ut1	1400	VDC	10 s
Test voltage between terminal and casing	Ut2	3000	VAC	50 Hz - 1 min
Dimensions	Symbol	Value	Unit	Conditions
Diameter	D	65	mm	
Height	H	110	mm	
Threaded stud	M	M8 x 24 mm	mm	
Pitch	e	30	mm	
Diametric insulation	\varnothing	20	mm	
height	h	21	mm	
	M2			
	M1			
	M0	06.05.02	HJJ	
	Modification	Date	Author	
Condensateurs	CH 1400 Yverdon, Switzerland			
Kondensatoren	Tel.: +41 24 445 66 88			
Capacitors	Fax: +41 24 445 66 89			
			283	31.03.00
				PAM3485.XLS