

C28.4 SeriesCAPACITORS FOR MOTOR APPLICATIONS

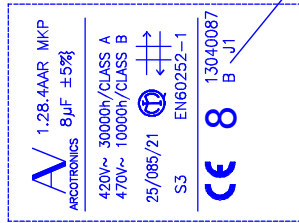
Typical applications: the capacitor is used in series to the auxiliary winding of a single-phase motor, allowing it to start and increase its torque while working.
Main application fields: low power electric motors, compressors.

Vendor part number: C284AAR4800AO2J

Capacitance:	8.0 μ F	Rated current:	1.18 Arms
Capacitance tolerance:	$\pm$ 5 %	Max. dV/dt:	20 V/ μ s
Class of operation:	CLASS A-30.000 hours, 420Vac/25/085/21	Can diameter:	30 mm.
	CLASS B-10.000 hours, 470Vac/25/085/21	Can height:	68 mm.

General technical data

Reference standards:	EN 60252-1: 2011/A1:2013	Filling Resin:	Epoxy
Approvals:	IMQ	Plates:	Self-healing metal layer
Type of Service:	Continuous	Test voltage terminal-terminal:	2 Vn for 2 s
Operating Temperature:	- 25 / +85 °C	Test voltage terminal-can:	2.000 Volt for 2 s
Storage Temperature:	- 25 / +85 °C	Total Harmonic Distortion:	Up to 10%
Rated voltage Vn (AC):	470 Vac	Fire Load:	45 MJ/kg
Rated frequency (Hz):	50-60Hz	Leakage-Clearance in air between parts under voltage	Min. 5mm
Voltage rise/fall time(max):	20 V / μ sec	Leakage-Clearance in air between parts under voltage and accessible metal parts:	Min. 6mm
Maximum Permissible Voltage:	1.10 x Rated Voltage	Vibration test:	IEC 60068-2-6
Maximum Permissible Current:	1.30 x Rated Current	Termination:	H05V2-U Stiff Cable 0.75mm2, white
Dissipation factor, TgD:	12 x 10E-4 at 20°C, 1 kHz	Can:	Polypropylene with self-extinguishing features V2 (UL94)
Safety class:	S3	Disk:	Polypropylene with self-extinguishing features V2 (UL94)
Maximum Altitude:	No power derating applicable up to an altitude of 2200 meters. At higher altitudes than 2200 meters, please contact us for the Power derating	Cable Terminals:	Stripped
Mounting:	Any position	Nut:	No
Dielectric:	Polypropylene film	Washer:	No



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Data sheet edition

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