



American Electronic Components, Inc.

1101 Lafayette Street, Elkhart, IN 46516, Tel: (574) 295-6330, Fax: (574) 293-8013, sales@aecsensors.com

DURAKOOL Series 2M30, 3M30 30 Amps

These Durakool contactors are especially designed for motor control circuits. They are UL rated for 240 volts, 3-phase motor applications. These 30 Amp contactors are ruggedly constructed to provide reliable, quiet operation over many switching cycles. With the same footprint as a DP mechanical contactor, they are a practical replacement, especially in hostile environments where their hermetic seal makes them immune to dust, dirt, and oil. All terminal screws face forward for easy installation.

SPECIFICATIONS

(see pages 3-5 for other specifications)

Maximum Time:	Operate	Release
	50 ms, Max.	70 ms, Max.
Contact Bounce, Release:	None	
Recommended DC Load Polarity:	Top Connection Negative	
Breakdown Voltage:		
Contact to Ground:	5000 VRMS/Min.	
Weight:	2.0 lbs.	



TYPE/SERIES	2M30/3M30 30 Amps		Typical Coil Data			
DESCRIPTION	Part Number	DC Ohms	Watts	Amps	V.A.	
2 POLE Normally Open	Volts					
	24	2M30APS24AC	20	4.52	0.456	10.94
	120	2M30APS120AC	340	6.45	0.121	14.52
	208	2M30APS208AC	1251	5.48	0.055	11.44
	240	2M30APS240AC	1420	6.68	0.059	14.16
	480	2M30APS480AC	5700	6.80	0.028	13.44
	12 (DC)	2M30APS12DC	24.5	5.80	0.489	5.87
24 (DC)	2M30APS24DC	96	5.80	0.240	5.76	

ELECTRICAL RATINGS	60 Hz					DC	
	Volts	120	208	240	277	480	48
Resistive		30	30	30	30	30	30
General Purpose		30	30	30	20	20	—
Motor Load (Hp) 3-pole		1.5	1.5	3.0	3.0	3.0	—
Full Load Amps		—	—	14.8	—	—	—
Locked Rotor Amps		—	—	89.0	—	—	—



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