

# HAMPTON

Hampton Controls

1-800-437-2664

www.hamptoncontrols.com

## DURAKOOL Series AFM 20 Amps

AFM "A" size relays offer mercury-contact technology in a cost-effective, compact package in 10, 15, and 20 Amp models. Coil and load connectors are a quick-connect design, mounting brackets simplify installation, and molded construction provides extra durability.

Popular uses of this product include lighting controls, energy management systems, light inductive, and motor loads. The standard part numbers listed below provide a variety of control voltages and load types, and come with normally open contacts.

### SPECIFICATIONS

<b>Maximum Time:</b>	<b>Operate</b>	<b>Release</b>
	90 ms	150 ms
<b>Contact Bounce, Release:</b>	None	
<b>Recommended DC Load Polarity:</b>	Center Tube Connector Negative	
<b>Load Connectors:</b>	1/4" Male Quick Connect	
<b>Coil Terminals:</b>	1/4" Male Quick Connect	
<b>Breakdown Voltage:</b>	2000 VRMS/Min. Across Contacts	



TYPE/SERIES	AFM 20 20 Amps				
DESCRIPTION	Part Number	Typical Coil Data			
		DC Ohms	Watts	Amps	
1 Pole Normally Open	Volts				
	24	AFM20-301-M	126	2.08	0.119
	120	AFM20-303-M	3510	1.70	0.021
	208	AFM20-304-M	10600	1.75	0.021
	240	AFM20-305-M	14040	1.87	0.011
	277	AFM20-306-M	16820	1.90	0.009
	480	AFM20-307-M	56160	2.30	0.006
	12 (DC)	AFM20-309-M	62	2.30	0.192
24 (DC)	AFM20-310-M	247	2.30	0.097	

ELECTRICAL RATINGS	GENERAL PURPOSE 0.7/0.8 UL Power Factor						DC			Tungsten Lamp/60 Hz		AC MOTOR LOAD		
	Volts	120	208	240	277	480	600	1-48	120	240	120	Amps	KW	1 Phase
SERIES	60 Hz Amps						DC Amps			Amps	KW	Hp	Hp	Hp
AFM 10 (Normally Open)	10	10	10	10	10	10	10	5.0	3.0	10	1.2	0.25	0.25	0.75
AFM 15 (Normally Open)	15	15	15	15	15	15	15	7.5	5.0	10	1.2	0.33	0.33	1.00
AFM 20 (Normally Open)	20	20	20	20	20	20	20	10.0	8.0	10	1.2	0.50	0.50	1.50

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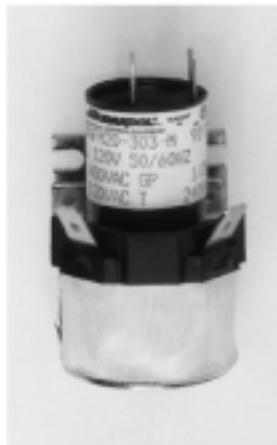
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	Volts	120	208	240	277	480	600	1-48	120	240	120	1 Phase		3 Phase
SERIES	60 Hz Amps						DC Amps			Amps	KW	Hp	Hp	Hp
AFM 10 (Normally Open)	10	10	10	10	10	10	10	5.0	3.0	10	1.2	0.25	0.25	0.75
AFM 15 (Normally Open)	15	15	15	15	15	15	15	7.5	5.0	10	1.2	0.33	0.33	1.00
AFM 20 (Normally Open)	20	20	20	20	20	20	20	10.0	8.0	10	1.2	0.50	0.50	1.50