4MG75

40G356 20XJ08



#### **Single-Phase Line Voltage Monitors**

Antishort cycle protection. Detect high/ low voltage. 32MY19 adds surge protection.



Description	Voltage	Time Delay	N.O. Output (A)	Mfr. Model	Item No.	
1-Ph., Programmable	80 to 300	Adj. 0 to 720 Sec.	10 A	ICM492C-LF	5KPX9	
1-Ph., Surge Arrestors	200 to 250	0 to 10 min	40 A	ICM493 ICM494	32MY19 32MY20	*

<sup>\*</sup> Replacement board only for 32MY19.



#### **Bypass Timer**

Universal input voltage: 18-240VAC, 1A, 10A inrush

Bypasses a low-pressure switch or an oil-pressure switch on startup.

Time	Mfr.	Item
Delay	Model	No.
10-1000 Seconds	ICM175	3UW85







#### **Head-Pressure Controls**

**ICM**—Feature high-temp. bypass, heat pump override, and adjustable hard-start timing and motor cutout speed. Indicator lights for full or modulated motor voltage, 4MG74 and 5KPX8 require separate 24VAC source; 4MG75 and 4MG76 have built-in 24VAC transformer.

Johnson Controls—R410A compatible. Weather-resistant, durable motor speed controls for approved single-phase, PSC motors commonly used in many refrigeration and air conditioning condenser fan applications

Software for P266 Condenser Fan Speed Control

20XJ08 allows easy configuration of P266 Series controllers via a PC.										
Input Volts AC @ 60/50 Hz	Triac Output Amps	Hard Start Timing (sec.)	Brand	Mfr. Model	ltem No.					
120 to 480	0.1 to 10.0	0.1 to 5.0		ICM325HNC-LF	4MG74					
120 to 240	0.1 to 10.0	0.1 to 5.0	ICM	ICM326HNC-LF	4MG75					
120 to 600	10	.1 - 5		ICM333C-LF	5KPX8					
	8	2 sec		P266AAA-100C	20XJ06					
208/240	8	2 sec		P266ABA-100C	40G351					
	8	2 sec	Johnson	P266ACA-100C	40G352					
	4	2 sec	Controls	P266BCA-100C	40G353					
460/575	4	2 sec		P266BHA-100C	40G354					
	4	2 sec		P266BHA-2K	20XJ07					
480	0.1 to 10.0	0.1 to 5.0	ICM	ICM327HNC-LF	4MG76					
Accessories										
Pressure Trans	ducer, 0 to 508 F	PSI	lahnaan	P266SNR-1C	40G355					
Pressure Trans	ducer, 0 to 754 F	PSI	Johnson	P266SNR-2C	40G356					
		an Speed Control	Controls	D266DDM-1K	207 108					

# **3-Phase Line Voltage Monitor**

UL Recognized E60605

Can detect voltage imbalance, high/low voltage, phase loss, reversal, incorrect sequencing, and rapid short cycling. Has programmable 25-fault memory storage and independent high/low voltage settings

2FI T2

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	Volts	% Volts	Control	N.O.	NC	Diversified	Motorsaver	SSAC	TimeMark	Wagner	Watsco	Mfr.	Item	
Display	50/60 Hz	Unbalance	Volts (AC)	Output (A)			Model	Model	Model	Model	Model	Model	No.	11/2
LCD	190-630	2 to 25, Adj.	18 to 240	10 A	6 A	AC-2020, AC- 301, AC-302	455	QLM/QLV	265	WPC-800	EAC-800	ICM450A	3UW93	

<sup>\*</sup> Physical dimensions vary by manufacturer.



# **Universal Capacitors**

1/4" brass-plated dual male terminals for best reliability, conductivity and corrosion resistance. Includes jumper wires to combine individual values into desired MFD rating. 60/50 Hz.

Description	MFD (µ) Rating	Cap. Voltage	Dia.	Case Height	Mfr. Model	Item No.
	2.5-67.5	370/440V AC	2 ½ in	4 ½ in	Turbo 200	2ELT2
Motor Run Capacitor	5-97.5	370/440V AC	2 ½ in	5 ¾ in	Turbo 200X	2ELT3
	2.5-15	370/440V AC	1 3/4 in	2 5/16 in	Turbo 200 Mini	2ELT4
Motor Start Capacitor	23-302	330V AC	2 ½ in	6 in	Turbolytic 50	2ELT5





# **Surge Protectors/Arrestors**

■ 1-phase, 120-240V

■ Meet UL standards

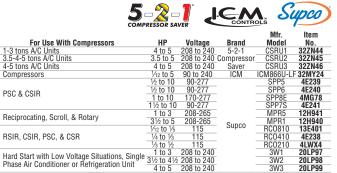
Protect air conditioners, generators, motors, and appliances from power surges and lightning, 32ZN47 has an LED showing that surge protection is present, and a second LED indicating that device has power and is properly grounded.

Max. Si Curre Per Ph	nt	w	D	Brand	Mfr. Model	Item No.
100 k		2.78 in	2.16 in	ICM	ICM517	32MY23
60 k	4.98 in	3.48 in	1.8 in	5-2-1 Compressor Saver	SPD60	32ZN47

32MY23

# **Refrigeration and Air** Conditioner Start Assist Kits

32ZN44 to 32ZN46 can reduce air conditioner compressor start-up time up to 50% and lower energy consumption. 4E239 to 4E241 are for residential and commercial air conditioning units, heat pumps, and room air conditioners. 4MG78 replaces 3-wire potential relay and capacitor. 4E238 is used with residential and commercial refrigerators and freezers. 20LP97 to 20LP99 allow 0EM-style, 3-wire installation and are for single-phase air conditioner or refrigeration units and hard-starting compressors under low voltage conditions.





4E238