



## Single-Phase Line Voltage Monitors

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



Description	Voltage	Time Delay	N.O. Output (A)	Mr. 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	32MY19
				ICM494	32MY20 *

\* 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 Delay	Mr. Model	Item No.
10-1000 Seconds	ICM175	3UW85

## 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.



Display	Volts 50/60 Hz	% Volts Unbalance	Control Volts (AC)	N.O. Output (A)	NC Output (A)	Diversified Model	Motorsaver Model	Cross-Reference* SSAC Model	TimeMark Model	Wagner Model	Watsco Model	Mr. Model	Item No.
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

\* 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.

2ELT2



Description	MFD (μ)	Cap. Voltage	Dia.	Case Height	Mr. Model	Item No.
Motor Run Capacitor	2.5-67.5	370/440V AC	2 1/2 in.	4 1/2 in.	Turbo 200	2ELT2
	5-97.5	370/440V AC	2 1/2 in.	5 3/4 in.	Turbo 200X	2ELT3
	2.5-15	370/440V AC	1 3/4 in.	2 3/8 in.	Turbo 200 Mini	2ELT4
Motor Start Capacitor	23-302	330V AC	2 1/2 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.

32MY23



Max. Surge Current Per Phase	L	W	D	Brand	Mr. Model	Item No.
100 kA	5.0 in	2.7 in	2.16 in	ICM	ICM517	32MY23
60 kA	4.9 in	3.4 in	1.8 in	5-2-1 Compressor Saver	SPD60	32ZN47

## 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 OEM-style, 3-wire installation and are for single-phase air conditioner or refrigeration units and hard-starting compressors under low voltage conditions.

For Use With Compressors	HP	Voltage	Brand	Mr. Model	Item No.
1-3 tons A/C Units	4 to 5	208 to 240	5-2-1	CSRU1	32ZN44
3.5-4.5 tons A/C Units	3.5 to 5	208 to 240	Compressor	CSRU2	32ZN45
4-5 tons A/C Units	4 to 5	208 to 240	Saver	CSRU3	32ZN46
Compressors	1/2 to 5	90 to 240	ICM	ICM866U-LF	32MY24
	1/2 to 10	90-277		SPP5	4E239
	1/2 to 10	90-277		SPP6	4E240
	1 to 10	170-277		SPP8E	4MG78
	1 1/2 to 10	90-277		SPP7S	4E241
PSC & CSIR	1 to 3	208-265		MPR5	12H941
	3 1/2 to 5	208-265		MPR1	12H940
Reciprocating, Scroll, & Rotary	1/2 to 1/2	115	Supco	RCO810	13E401
	1/4 to 1/2	115		RCO410	4E238
	1/2 to 1/2	115		RCO210	4LWX4
RSIR, CSIR, PSC, & CSR	1 to 3	208 to 240		3W1	20LP97
	3 1/2 to 4 1/2	208 to 240		3W2	20LP98
	4 to 5	208 to 240		3W3	20LP99
Hard Start with Low Voltage Situations. Single Phase Air Conditioner or Refrigeration Unit					



4E238