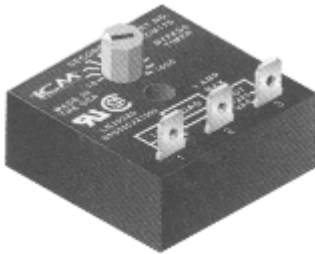


# Time Delays

## By Pass Timer



- Designed to bypass a control or device during start-up
- Typically used to bypass a low pressure switch during compressor heat pump start-up or an oil pressure switch upon start-up
- On delay interval timer
- Normally closed delay on make
- Epoxy encapsulated circuitry

Specifications	Control Circuit	Time Delay Range	Type of Adjustment	Hook Up	Brand	Part Number
- 1 amp max - 10 amp inrush - 40 mA min - Voltage Drop: 3.5V typical / 4.5V max.	18-240VAC 50/60Hz	10 seconds to 1000 seconds	Knob	3 Wire Terminals	ICM	24-ICM175

## Delay on Break

- Compressor lockout / anti short-cycle timers protect compressor from damage caused by short cycling
- Solid state with two wire hookup terminals for easy installation
- Conformal coated circuitry protects against moisture and shock
- **ADB-1 - Works with anticipator type thermostats**

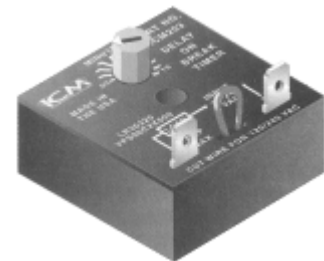
Specifications	Control Circuit	Time Delay Range	Type of Adjustment	Hook Up	Brand	Part Number
- 1.5 amps	24, 120 or 240VAC	6 seconds to 8 Minutes	Knob	2 Wire Terminals	Diversitech	ADB-1
- 1.5 amps - 15 amp inrush - 40 mA holding current - Voltage Drop: 3.5V typical / 4.5V max.	18-30VAC	5 Minutes Fixed	None	2 Wire Terminals	ICM	24-ICM201
- 1.5 amps - 15 amp inrush - 40 mA holding current - Voltage Drop: 3.5V typical / 4.5V max.	18-240VAC	1.8 seconds to 600 seconds	Knob	2 Wire Terminals	ICM	24-ICM203



ADB-1



24-ICM201



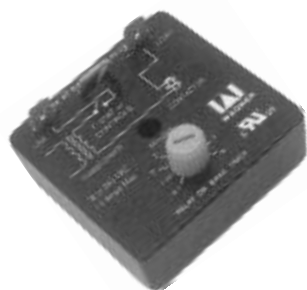
24-ICM203

# Time Delays

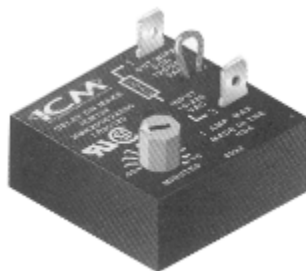
## Delay on Make

- Ideal for compressor staging and stagger starting of multiple units
- Solid state with two wire hookup terminals for easy installation
- Conformal coated circuitry protects against moisture and shock
- **24-ICM103 - Suitable for 2 stage fixed speed blowers - not for variable speed**
- **24-ICM105 - LOW HOLDING CURRENT - Must be used with variable speed blower applications**

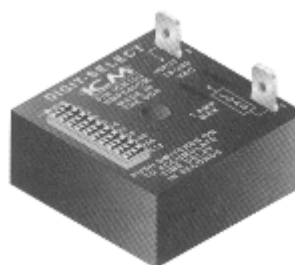
Features & Applications	Specifications	Control Circuit	Time Delay Range	Type of Adjustment	Hook Up	Brand	Part Number
- Works with anticipator type thermostats	- 1.5 amps	24, 120 or 240VAC	6 seconds to 8 minutes	Knob	2 Wire Terminals	Diversitech	ADM-1
- Works with anticipator type thermostats	- 1.5 amps - 15 amp inrush - 40 mA holding current - Voltage Drop: 2.5V @ 1.5 amps	18-240VAC	1.8 seconds to 600 seconds	Knob	2 Wire Terminals	ICM	24-ICM102
- <b>Suitable for 2 stage fixed speed blowers</b> - Suitable for ice machines - Highly precise digital timing - Repeat accuracy 0.5% over voltage & temp. range	- 1 amp - 10 amp inrush - 40 mA holding current - Voltage Drop: 2.5V @ 1 amp	18-240VAC	1 second to 1023 seconds	Switch Settable	2 Wire Terminals	ICM	24-ICM103
- <b>Low Holding Current - Must be used with variable speed blower applications</b> - Highly precise digital timing - Repeat accuracy 0.5% over voltage & temp. range	- 1.5 amps - 15 amp inrush - 10 mA holding current - Voltage Drop: 2.5V @ 1 amp	18-240VAC	1.8 seconds to 600 seconds	Knob	2 Wire Terminals	ICM	24-ICM105



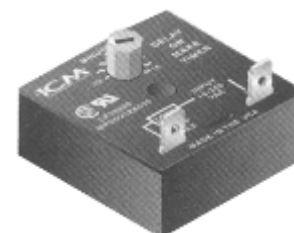
ADM-1



24-ICM102



24-ICM103



24-ICM105