

Legacy Building Systems

W973 Logic Panel



Control heating, cooling and economizer operation in commercial air conditioning and heat pump equipment.

- Proven, reliable temperature control
- Many flexible versions to meet your application needs
- Panels can be used with staged gas, oil, or electric heat; modulating gas, hot water, or steam heat; and direct expansion or modulating chilled water cooling
- Control up to 3 on-off heat or cool stages or up to 10 on-off heat and/or cool stages using W975 Satellite Sequencers
- Modulating dc current signal controls economizer heating or cooling valve motors
- T7067 Dual Set Point Thermostat/Transmitter located in controlled space provides heating and cooling input signal based on space demand
- C7046A sensor located in discharge air duct provides heating/cooling anticipation and economizer modulating low limit signal
- System cycles all stages off on power interruption
- When power is restored, system sequences required stages on with timed inter-stage delay

Dimensions, Approximate: 6 1/4 in. high x 4 1/8 in. wide x 2 5/16 in. deep (159 mm high x 105 mm wide x 59 mm deep)

Contact Ratings: NO 240 VA inrush @ 24 Vac, 60 VA running @ 24 Vac; NC 75 VA inrush @ 24 Vac, 30 VA running @ 24 Vac

Electrical Connections: 1/4 in. quick-connect male terminals

Voltage: 24 Vac

Frequency: 50 Hz; 60 Hz

Power Consumption: 8 VA

Operating Temperature Range: -40 F to +150 F (-40 C to +66 C)

Shipping Temperature Range: -30 F to +150 F (-34 C to +65 C)

Compatible With: T7067 Thermostat with Q667 subbase

Approvals

Canadian Standards Association: File No. LR95329-3

Underwriters Laboratories, Inc: Component Recognized: File No. SA481

Accessories:

4074EAC-Resistor Kit. Required for use when using M7364, M7164, M7184, M7186, M7685, M7185 motors with W973

Product Number	Application	Application Size	Control System	Output Type	Comments
W973A1017/U	Split System; Heat Pump Systems; Furnace; Packaged RTU	2 Heat / 2 Cool	W973 single zone	Staged On/Off	—
W973B1016/U	Split System; Heat Pump Systems; Furnace; Packaged RTU	3 Heat / 3 Cool	W973 single zone	Staged On/Off	Provides modulating heating output and modulating cooling output
W973E1005/U	Split System; Heat Pump Systems; Furnace; Packaged RTU	0 Heat / 4 Cool	W973 single zone	Staged On/Off	—
W973J1017/U	Split System; Heat Pump Systems; Furnace; Packaged RTU	4 Heat / 4 Cool	W973 single zone	Staged On/Off	—

Environmental Control Systems Accessories

Product Number	Description	Used With	
230038A/U	Replacement Faceplate Lens for use with W9076	W9076	
S963B1003/U	Manual Potentiometer (360 ohm)	T7022; T7023	
S963B1037/U	Manual Potentiometer (480 ohm)	—	
S963B1078/U	Manual Potentiometer (500 ohm)	—	
S963B1086/U	Manual Potentiometer (1000 ohm)	—	
S963B1128/U	Manual Potentiometer (135 ohm)	—	
S963B1136/U	Manual Potentiometer (270 ohm)	—	
S963B1177/U	Manual Potentiometer (480 ohm)	—	
S963D1001/U	2 Potentiometers that simulate the ramp signals of a T7067 Thermostat	—	