

Description

The KMD-7011 and KMD-7011C are intelligent, programmable, 4 input/ 4 output direct digital controllers. Each controller is capable of independent, stand-alone operation or may be networked together with other controllers using the same peer-to-peer communications format as other KMC digital controllers. The KMD-7011C includes auto time reset after power restoration.

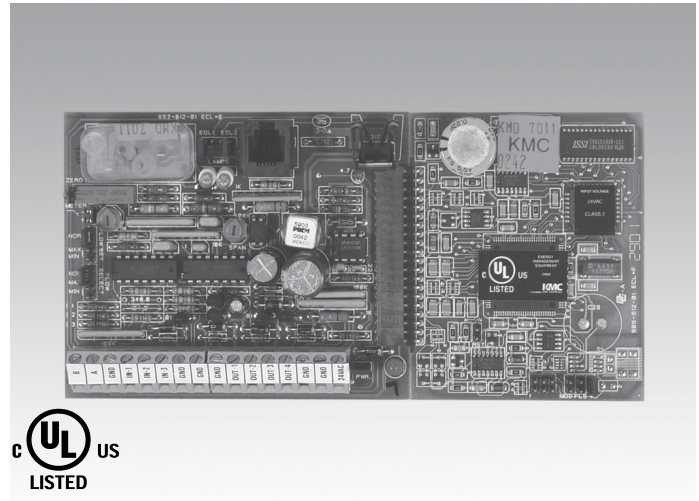
Features

KMD 7011/7011C controllers feature:

- ◆ Stand-alone or networked operation
- ◆ 4 inputs/4 outputs
- ◆ 32 software configurable Variables
- ◆ User programming
- ◆ 2 Trend Log Monitors
- ◆ 2 Runtime Totalizer Logs
- ◆ 2 Graphic compatible Control Group
- ◆ 3 Custom defined Lookup Table
- ◆ Weekly schedule w/Holiday/Special Event overrides
- ◆ 4 Full function PID Controllers
- ◆ Password Protection

Application

The KMD 7011/7011C controllers are specifically designed for VAV applications and contain factory programmed (canned) control sequences with descriptors. The factory programming has options for single duct cooling/heating VAV control, and time-proportioned on 3-stage reheat. Program area 5 is for additional user programming. This feature allows the controllers to be user modified to add special sequences. The factory programming may also be removed to allow full use of all five programming areas in both the KMD-7011 and KMD-7011C. This allows the controllers to be completely user programmable.

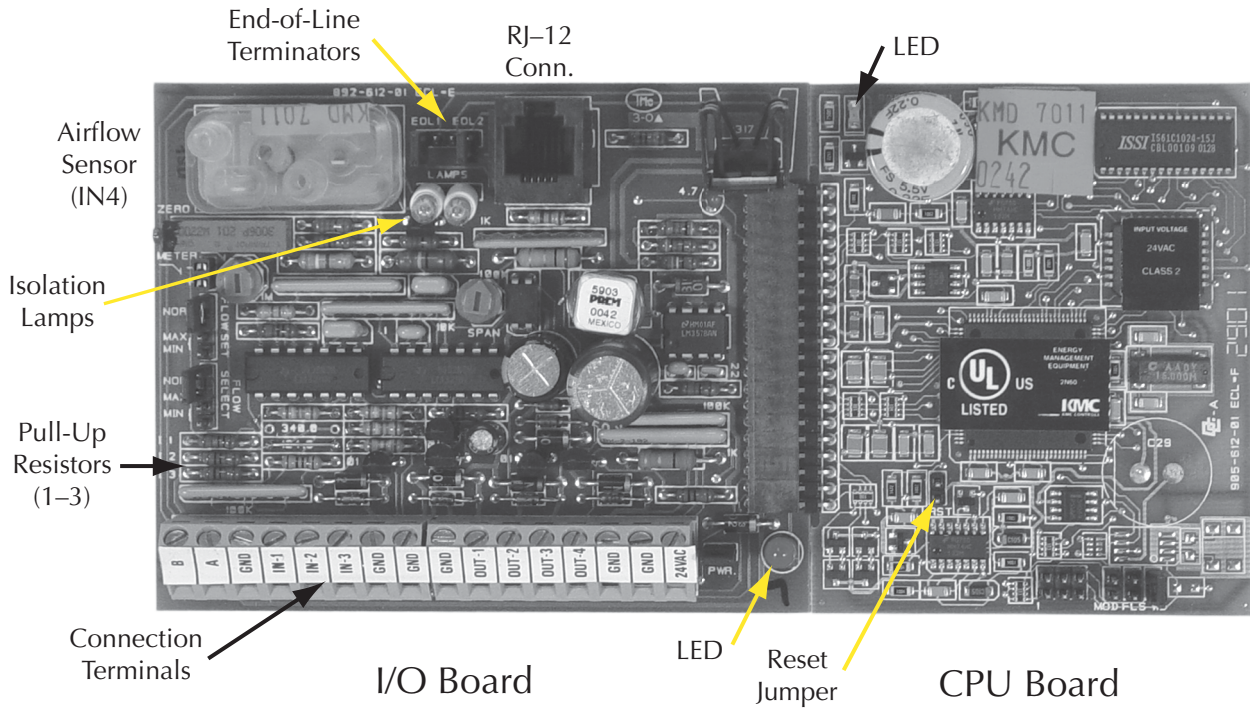


Accessories

The following related products are also available:

HPO-0054	Fuse bulb
HPO-0063	Jumper
HPO-7504	KMD-7011 CPU Board
HPO-7504C	KMD-7011C CPU Board
HPO-7604	KMD-7011 I/O Board

Details



Specifications

Supply Voltage	24 VAC, -15% / +20% 10VA Max	Max load each - not to exceed 350mA total
Communications	RS-485 @38,400 baud maxi- mum	Short Circuit Protection
Comm Wiring	RS-485 @ 38,400 baud maxi- mum with Belden 82760 or equivalent. 18 AWG twisted shielded, 5.5 W/1000 ft. and £51pf/ft (maximum 4,000 feet w/o repeater)	Wire Size 12-22 AWG
Comm Auxiliary	RJ-12 for KMC NetView or Net Sensor applications	Weight 4.25 ounces (120.49 grams)
Inputs	1 Airflow sensor, 3 Universal inputs: Analog or Digital	Size 6-3/4" x 3-1/4" (171.45 mm x 82.55 mm)
Analog	0-5 VDC	Ambient Limits
Digital	0/5 VDC or dry contact closure	Operating 0°-120°F (-18°-49°C)
Impedance	100 K Ω to processor, 10K Ω pull-up to +5VDC supply	Shipping -40°-140°F (-40°-60°C)
Over-voltage protection		Humidity 0-95% RH, non-condensing
Outputs	4 Universal Analog or Digital	KMC Controls, Inc.
Analog	0-10 VDC (60 mA Max load each)	19476 Industrial Drive
Digital	0/12 VDC (On/Off) 100 mA	New Paris, IN 46553
		574.831.5250
		www.kmcccontrols.com