

ISIMET UtC 1000 Utility Controller

Product Description

The Utility Controller is a Safety Device that regulates the control of various utility services and devices such as domestic water, natural gas, and electrical outlets within a science classroom, other instructional facilities, research and medical facilities. The solid state electronic controller provides an electronic signal to relays that in turn provide electrical current to relays, contacts and low voltage solenoid valves, activating the utility service.

Enclosure Specifications

Control Panel - 16 gauge white powder coated sheet metal

Wall Box Enclosure – 16 gauge gray powder coated sheet metal

Wall Box Dimensions - 12” High x 10” Wide x 4” Deep (+ ½” door mounting flange)

*Requires 4” deep wall cavity for installation.

Available Integration Inputs and Outputs	Dry-Contact	24V AC/DC	5 VDC
Remote Panic Input	◆		
Gas Detector Input	◆	◆	
LA Input		◆	
LA / Gas Sensor Input	◆	◆	
Alarm Input	◆	◆	
Isolated Panic Input		◆	
Energy Management / Building Automation Input	◆	◆	◆
LA Output – 24 VAC Only	◆	◆	
*Alarm Output – 24VAC Only	◆	◆	
**Panic Output – 24 VAC Only	◆	◆	

*Alarm Output for monitoring only

**Panic Output may also be configured for dual dry-contact

Description	Rating
120 VAC Supply Required	15 Amp
24 VAC Transformer	3 Amp
24 VAC Circuit 1	1.5 Amp Max
24 VAC Circuit 2	1.5 Amp Max
24 VAC Circuit 3	1.5 Amp Max
24 VAC Circuit 4	1.5 Amp Max
24 VAC Circuit 5	1.5 Amp Max
120 VAC Panel Fuse	5 Amp
24 VAC PCB Fuse 1	3 Amp
12 VAC PCB Fuse 2	1 Amp
3 VDC PCB Fuse 3	500 mAmp

Optional Programming Features

- Energy Management / Building Automation Input Configurations
- Alarm Output Configurations
- First Key Timing (4-20 Hour)
- Circuit Timing (15-240 Minute)
- Panic Notification Delay (1-5 Minute)
- Gas Detector Notification Delay (1-10 Minute)
- Exhaust Fan Timer (15-60 Minute)
- Exhaust Fan Operation

Typical Controlled Services

Electrical, Domestic Water, Fuel Gas and Exhaust Fan.

Optional Controlled Services

De-Ionized Water, Compressed Air, Vacuum, Oxygen, Acetylene, Argon, Hydrogen, Helium and Fume Hoods.