Model: AGSCT500
Technical Specification Sheet
2017

Merlin Utility Control

Key Features

- Automatic Control over utility
- Clear LED status display
- Built-in connectivity to existing BAS and fire alarms
- Fascia Mounted EM Stop
- Key lock for authorization control
- Remote EPO buttons

Overview

The Merlin CT500 utility control panel gives the user complete automatic control over the chosen utility supply within the room whilst providing a convenient connection centre for additional systems. Utilizing a solenoid valve, or Electrical Contactor the Merlin CT500 provides a keyed authority over the chosen utility supplies. The emergency knock off button is shrouded to ensure no accidental shutdowns occur. All the Merlin utility controls come with clearly labelled PCB boards to ensure easy installation. Built in connectivity to existing BAS systems and inputs for existing fire alarms make the unit perfect for renovation projects as well as new build. Dip switches on the reverse side of the facia panel allow for on-site adjustments on how the unit communicates with the buildings BMS / BAS system.

Application

- K-12 and Higher Ed Science Classrooms.
- Machine Shop Tool Control.
- Kitchen Gas Control.
- Factory Machine Control.
- Drug Test Laboratory.
- Decorative gas powered fire pits.
- Gas BBQ's installations.
- Commercial industrial spaces.
- Water service control.
- Electrical receptacle control.

American Gas Safety, LLC. 4500 140th Ave N. Suite 101. Clearwater, FL 33672 T.(727) 608-4375 F.(727) 538-4237 www.americangassafety.com

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Technical Specifications

Power supply – 100/240vac 50/60HZ

Protection – Overvoltage, overcurrent, surge protection (3amp)

Enclosure – Wall mounted Fully UL certified enclosure. *Flush Mount kit available.

Dimensions – W7.5in x H5.5in x D2.5in

Control Signal Output – 100/240VAC 50/60HZ

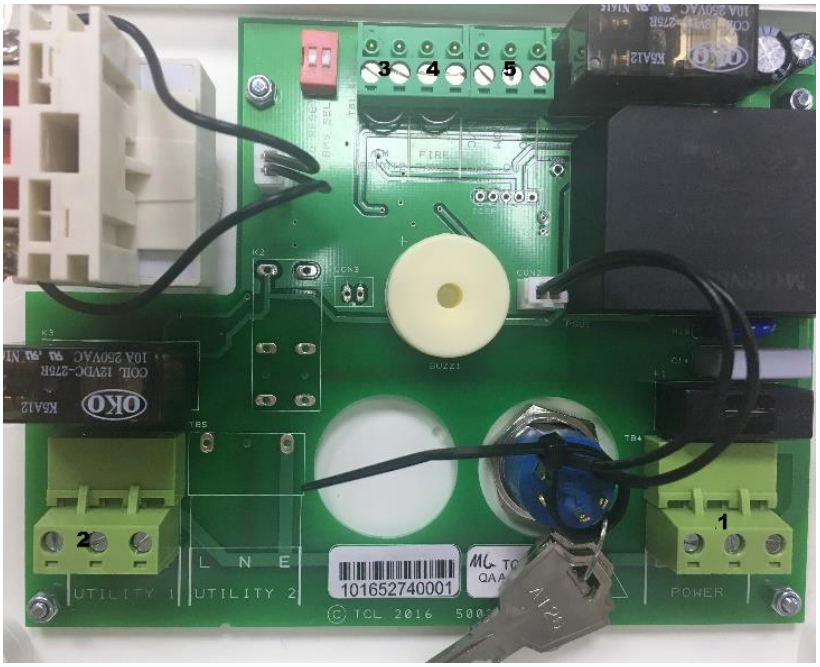
BAS Output - N/c, Com, N/o Max 1A @ 120vac

EM Stop Input – Volt Free*

Fire Alarm Input – Volt Free*

Adjustable BAS Signal Output – Alarm “on” or Gas “on” / Gas “off”

*Volt Free. Do Not connect any device which generates a separate source of voltage on this circuit. Any voltage applied to these connections will damage the microcontroller.



1. Mains Supply Input, Single phase 100-120VAC 50/60HZ
2. Gas Solenoid Valve Power Output, Single phase 100-120VAC 50/60HZ
3. Remote Emergency Stop Button input Volt Free
4. F.A.C.P Input (Fire Alarm input) Volt Free
5. BAS / BMS Relay Output Normally Open / Normally Closed Volt Free

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