## PRODUCT SPEC SHEET GDP2X



# AGSGDP2X Gas Detection & Control System



### **Product Overview:**

The AGS Controls GDP2X is a 8 zone detection panel which can be used in many applications, e.g. mechanical rooms, car parks, shopping malls and the most common being a boiler house application.

The GDP2X has a touch screen which displays two modes, the engineers mode and the user mode. A settings dipswitch inside the controller allows the engineer/ user to configure the system. When changes have been, the system will automatically restart once the settings switch is off.

Many varieties of detectors are compatible with GDP2X, e.g. Natural Gas, Carbon Monoxide, LPG, Refrigerant Gas and Oxygen depletion. Up to 8 detectors can be used in any combination and can be individually monitored on the GDP2X TFT display.

## **Technical Specifications**

#### General

Model: AGS MerlinGDP2X

Use: Indoor, Safe Areas (not to be used in explosive atmospheres)

Indicators (2.8" Touch Screen) Main Zone Status. ID. Gas Type. Concentration Level. Measured Value. End of Life. Fault. Service.

Screen Brightness Adjustable 0-100%

Mounting Wall Mounting

Max. Power Consumption 20W Max (Full Load)

Power Voltage Input Range 100-120VAC

Gas Valve Output Range 100-120VAC

I/Os 2x 24VDC Outputs & 3x Open/Close Switches

BMS Terminal Volt Free Dry Contact (Normally Closed / Common / Normally Open) 3A Max

Relay(s) 2x 120VDC 8A (Latching) Configurable Normally Open or Normally Closed (Switch)

Terminal Wire Ratings Copper 18AWG (0.75mm2) Min. 24 x Screw Terminals

se 3.15A

Dimensions (H x W x D) 140 x 190 x 62mm / 5.51 x 7.48 x 2.44"

Unit Weight (Approx.) 0.72kg / 25.4oZ Housing Material Polylac - PA765

Ingress Protection IP65 (Pre-Installation)

Storage Conditions Dry. Cool. Flat

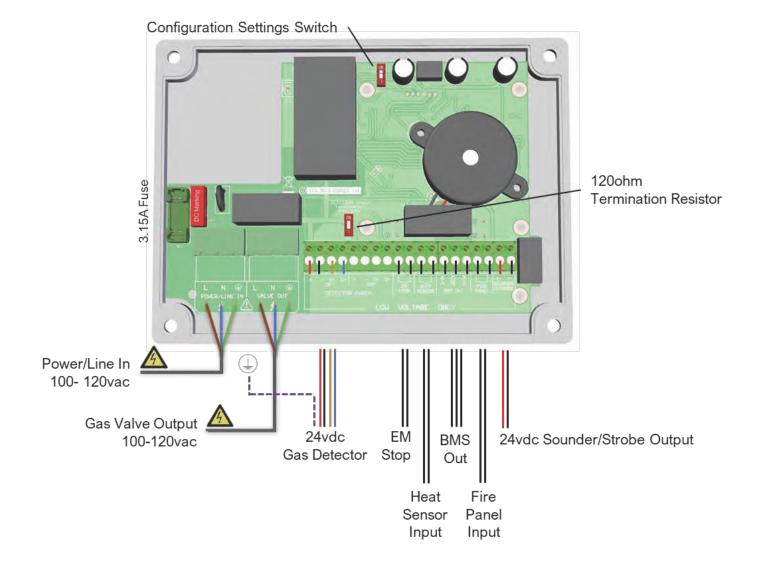
Operating Conditions -10 ~ 50°C / 14 ~ 122°F 30 ~ 80% rh

Compliance EN 61326-1 / BS EN IEC 61010-1

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# AGSGDP2X GDP2X PCB Overview



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