

GuardALL[®]

Guard for ALL

PRODUCT CATALOG





VERSATILE FIRE ALARM SYSTEM

Fire alarm system has a number of devices working together to detect and warn people through visual and audio appliances in emergency situations or danger of fire. This system can be manually activated or using an automatic system. This is very versatile fire protection system that can be applied in numerous places, such as:



Residential & Commercial



Healthcare



Education



Hospitality & Leisure



Military & Police



Industrial



Telecommunication

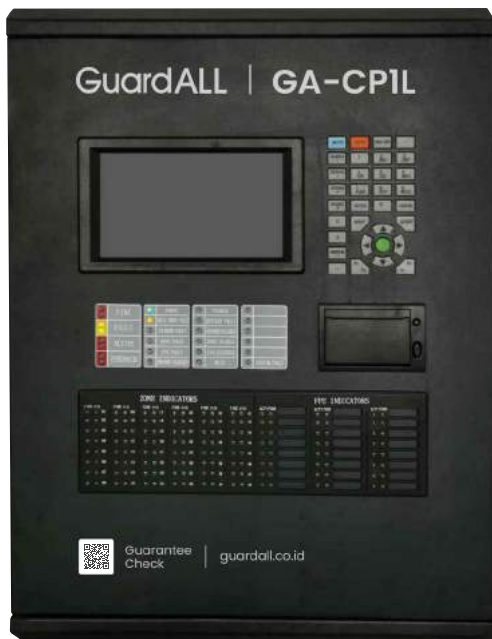


Special Project

ADDRESSABLE **FIRE ALARM**

INTELLIGENT FIRE ALARM CONTROL PANEL

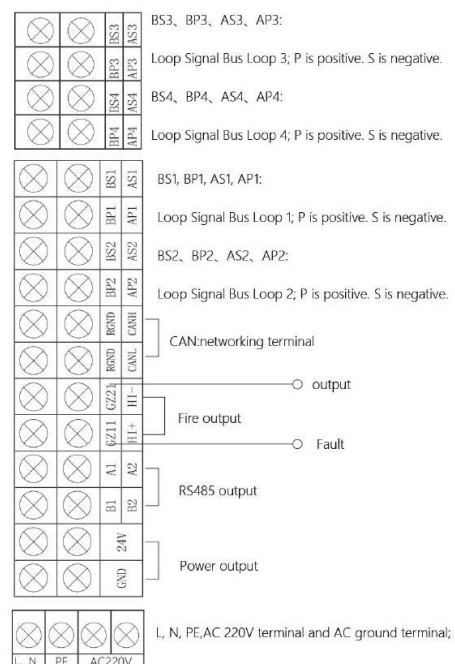
GA-CP1L



Volate	AC230V(50HZ), Voltage range: +10%~-15%
Current	1A
Outputs	Fire output .Fault output. 24V power output. Loop output
Capacity	1020/4 loops addressable points
LCD screen size	7-inch color LCD screen
Standby battery	12V/12AH sealed lead acid battery*2
Dimension (L*W*H)	420mm x 140mm x 560mm
Operating environment	Temperature: -5°C~+50°C; Relative Humidity: ≤ 95% non-condensing
Communication interface	RS485, CAN, USB

FEATURES

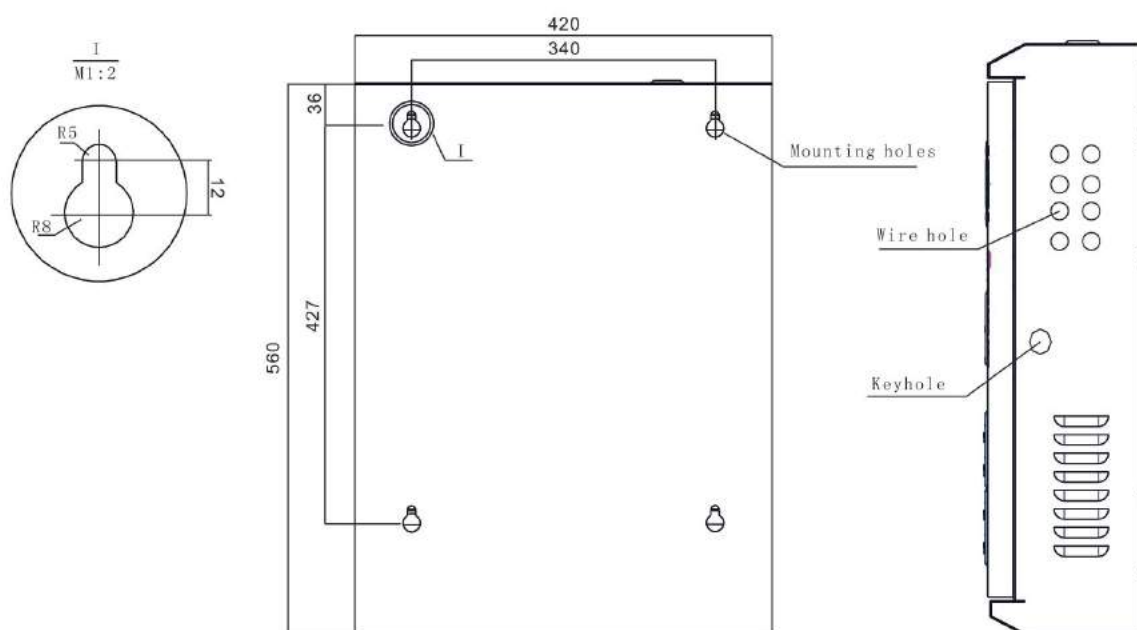
- Intelligent bus control mode; max 255 addressable points per loop, max 48 zones
- Loop card type design: 1-4 loop cards can be selected
- Glass fuse per loop
- Black box function
- Self-design loop protocol
- Wall-mounted structure, compact and exquisite
- Akzo outer coating; anti-corrosion
- Language: simplified Chinese, English, Turkish and Russian(customized)
- Self-design loop protocol



GA-CP1L

DETAILS

The control panel is mounted on the wall through 4 mounting holes, the dimensions of the mounting holes are shown in the picture. The right side of the control panel has 8 wiring holes, which are easy for wiring between the control panel and field devices. There are also 5 knock holes at the top, if the holes on the right side are not enough.



LOOP ISOLATOR

GA-ISM



Operating voltage	Loop 24V(18.5V~26V)
Operating current	Action current $\leq 170\text{mA}$ or 270mA (B and Zx2 short circuit here)
Load capacity	Loop 24V,170mA; Loop 24V,270mA (B and Zx2 short circuit here)
Indicator	Yellow, light out in normal condition, illuminates in action
Operating Environment	Temperature: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$; Relative Humidity: $\leq 95\%$ non-condensing
Coding method	Electronically coding
Material and color of enclosure	ABS; Porcelain white
Mounting hole distance	60 mm
Dimension (L x W x H)	86mm x 41mm x 86mm (with base)
Ingress protection rating	IP30
Weight	147g(with base)

FEATURES

- Polarized connection with peripheral devices and no need to transfer connection of input and output.
- Delayed power supply to output terminal devices will avoid over load or strong transient current.
- Plug-in structure • Non-polarized two-wire

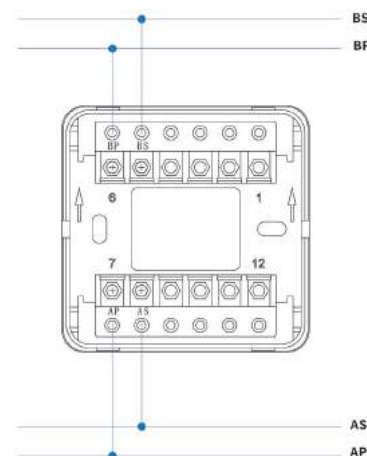
DETAILS

Take surface installation for the isolator, install the base upward of the arrow direction, plug-in for the isolator to the base. Pull off the isolator, wear the cable through wiring hole on the base and connect correspondent terminal and plug in the isolator. Mounting hole distance is 60mm.

Wiring instruction:

BS(pin 5), AS(pin 8): loop negative; BP(pin 6), AP(pin 7): loop positive

The positive cable inserts from pin 7 and out from pin 6. The cable negative inserts from pin 8 and out from pin 5. Please refer to control panel TC5109 terminal mark wiring. 5.6 Recommended Cabling: 1.0mm² or above fire cable, subject to local codes.



SINGLE I/O MODULE

GA-ACM



Operating voltage	Loop 24V(18.5V~26V); Power:DC24V(DC19V~DC28V)
Standby current	Loop: ≤ 0.2mA; Power: ≤ 2mA
Starting current	Loop: ≤ 2mA; Power: ≤ 22mA
Operating Environment	Temperature:-10°C~+55°C; Relative Humidity:≤95% non-condensing
Coding method	Electronically coding
Code range	1~255
Material and color of enclosure	ABS;Porcelain white
Weight	About 147g(with base)
Mounting hole distance	60 mm
Dimension (L x W x H)	86mm x 38mm x 86mm (with base)

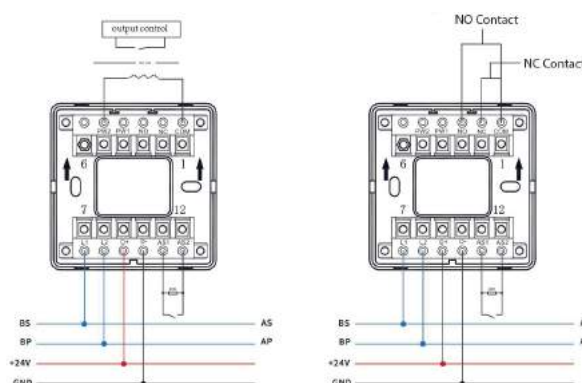
FEATURES

- Line detection function for input and output
- Input terminal is ste as normal open detecting function connected with passive cantalt
- Non-polarized two-wire • Active and passive output

DETAILS

Feedback input terminal has disconnection function, add a 10K terminal resistance at one end, otherwise it will report as product feedback terminal fault. Output line has disconnection and short line detection function, when module does no action, voltage between DC13V to 48V is required at normal open output terminal otherwise it will report as module output line fault.

Open installation applied for the module. Insert mode for installation between base and module. When installing, pull down the module, lead the wire through wiring hole, connect it with terminal and push the module onto the base. The mounting hole distance is 60mm.



CONVENTIONAL **FIRE ALARM**

CONVENTIONAL

FIRE ALARM CONTROL PANEL

GuardALL fire alarm control panel available in several types. This is a complete device to ensure the fire alarm system runs well and triggers the system when the fire threat. GuardALL control panel comes in a metal casing with LED, easy to install and maintenance.



Zone numbers	4 Zone	8 & 16 Zone
AC input	AC 220V	AC 220V
Battery type	2 x 12V/1.3AH	2 x 12V/1.3AH
Max number of devices per zone	20 pcs	20 pcs
End of line resister	4.7kΩ	4.7kΩ
DC output	DC 24V	DC 24V
Alarm output	Relay output	Relay output
Max siren output current	1.35A	2A
Operation temperature	-10°C ~ 50°C	-10°C ~ 50°C
Operation humidity	≤ 95%RH (no condensation)	≤ 95%RH (no condensation)
Dimension	L300*W200*H91 mm	L320*W243*H88 mm
Main voltage	220V AC 50/60Hz	220AC +/-10%,50Hz
Battery voltage	24V DC	24V 4Ah
Zone EOL	4.7K Resistor	4.7K Resistor

FEATURES

- There are fault display, open circuit fault, short circuit fault.
- There is fuse protection on every sounder output

FIRE ALARM DETECTOR



HEAT DETECTOR

2 WIRE & 4 WIRE

This heat detector offers fixed temperature or combination rate-of-rise and fixed temperature detection, suitable to any household or commercial applications. If the temperature reaches or exceeds the trip point, the detector is triggered. The status LED lights in red and alarm signal output.

Product Category	2 Wire	4 Wire
Operating Voltage	DC 9V~35V	DC 9V~35V
Standby Current	50 μ A	50 μ A
Alarm Current	20-25mA@12V	30-35mA
Alarm Indication	Red LED On	Red LED On
Temperature Range	-10°C to 50°C, Humidity $\leq$ 95% RH	-10°C to 50°C, Humidity $\leq$ 95% RH
Temperature Trip Point	57°C (135°F)	57°C (135°F)
Rate of Rise	8°C (15°F)/Min	8°C (15°F)/Min
Detecting Range	50m ² at 6-12m Installation Height	50m ² at 6-12m Installation Height
Alarm Output	Remote LED	Relay Output
Contact Rating	N/A	0.5@DC28V
Standard	EN54-5, UL521, GB4716-2005	EN54-5, UL521, GB4716-2005

FEATURES

- Strong adaptability for circumstance with high stability.
- Low standby current with 9-35 VDC wide voltage and power supply non polarized input.
- Flashing LED power indicator, alarm relay N.C/N.O. optional (4 wire) and remote LED indicator output (2 wire).



SMOKE DETECTOR

2 WIRE & 4 WIRE

This product named photoelectric detector detected the smoke by a couple infrared diodes. When the smoke entering the detector, the diode can receive strong infrared light. Through light-electric signal transform, the detector can send alarm signal.

Product Category	2 Wire	4 Wire
Operating Voltage	DC 9V~35V	DC 9V~35V
Standby Current	50 μ A	100 μ A
Alarm Current	20-25mA@12V	30-35mA@12V
Alarm Indication	Red LED On	Red LED On
Temperature Range	-10°C to 50°C,	-10°C to 50°C
Humidity	0%~95%RH (No Condensation)	0%~95%RH (No Condensation)
Alarm Output	Remote LED	Relay Output
Contact Rating	N/A	0.5@DC28V
Sensitivity	0.15dB/m (+/-0.03dB/m)	0.15dB/m (+/-0.03dB/m)
Dimension	98.5mm diameter*43.5mm deep	98.5mm diameter*43.5mm deep
Standard	EN54-5, UL521, GB4716-2005	EN54-5, UL521, GB4716-2005

FEATURES

- Strong adaptability for circumstance with high stability.
- Low standby current with 9-35VDC wide voltage and power supply non polarized input.
- Flashing LED power indicator, alarm relay N.C/N.O. optional (4 wire) and remote LED indicator output (2 wire).

MANUAL CALL POINT FIRE ALARM



Operation Voltage	24V DC
Max. Current	1A at 24V DC
Contact Resistance	$\leq 0.2\Omega$
Temperature Range	-10°C~+50°C
Max. Relative Humidity	$\leq 93RH \pm 2\%$
Dimension	87 x 87 x 51mm
Color	As Picture Show

FIRE ALARM EQUIPMENT

FIRE ALARM EQUIPMENT

GuardALL provides complete equipment for your fire alarm system. We offer a 6 inch alarm bell, manual push button and fire alarm lamp. The accessories come with the best materials and advanced technology. Affordable prices and easy maintenance.



6 INCH ALARM BELL

Product Category	Parameter
Operating Voltage	DC 24V
Alarm Output	95dB
Alarm Current	≤ 50mA
Movement	Motor
Dimension	Φ60" (150mm)
Material	3.0 Alloy Aluminium



INDICATING LAMP

Input Voltage	DC 12V or DC 24V
Rated Current	70mA
Dimension	73 x 45mm (Diameter x Height)
Color	As Picture Show
Material	Plastic

HOUSEHOLD & SMALL BUSINESS **FIRE ALARM EQUIPMENT**

STANDALONE SMOKE DETECTOR

Protect your home from fire risks with the GuardALL Standalone Smoke Detector. A strong sound alarm of up to 85dB is emitted to alert every family member. A simple solution for effective protection of your home. It is recommended to install at least one detector per floor in the corridor leading to the living area. For maximum protection, place detectors in each bedroom. It is not recommended to place the device in rooms such as kitchens and bathrooms.



Alarm Type	Audible & visual
Power Supply	9 V battery type 6F22 included
Alarm Range	85 dB
Test Button	Yes



9 Volt
Battery



24 Hours
Protection



About the GuardALL

GuardALL comes with innovations from more than two decades of research. Achieving relentless perfection has become part of our business. GuardALL creates a reliable fire system that provides total protection. Welcome the new era with the best quality products. Quality is a priority to prevent all fire risks completely.



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