JTY-GM-TC5161

Intelligent Photoelectric Smoke Detector

- Infrared scattering principle
- Non-polarized two-wire
- Drift compensation and fault detecting function
- Reporting dirt fault
- Hotel, restaurant, warehouse, library, office building, teaching building, power plant and other places
- Approvals：LPCB（EN54-7） CE



Technical Specifications

Operating voltage	Loop 24V(18.5V～26V)
Operating current	Standby current: ≤0.3mA;Alarm current: ≤0.8mA
Operating Environment	Temperature: -10°C～+55°C,Relative Humidity: ≤95%, non-condensing
Indicator	Red,Flashes when polling,Illuminates in alarm
Ingress protection rating	IP30
Material and color of enclosure	ABS; Milky white
Coding method	Electronically coding
Code range	1～255
Weight	About 110g
Mounting hole distance	60mm
Dimension	100mm×51mm (with base)

JTW-Z0M-TC5162

Intelligent Rate of Rise & Fixed Temperature Heat Detector

- Advanced single-chip microcomputer technology
- Non-polarized two-wire
- Indoor garage, kitchen, boiler room, generator room, drying room and other places
- Approvals：LPCB（EN54-5） CE



Technical Specifications

Operating voltage	Loop 24V(18.5V～26V)
Operating current	Standby current: ≤0.3mA;Alarm current: ≤0.8mA
Operating Environment	Temperature: -10°C～+50°C;Relative Humidity: ≤95%, non-condensing
Indicator	Red,Flashes when polling,Illuminates in alarm
Ingress protection rating	IP30
Material and color of enclosure	ABS; Milky white
Coding method	Electronically coding
Code range	1～255
Weight	About 110g
Mounting hole distance	60mm
Dimension	100mm×50mm (with base)

JTY-GD-TC901

Independent Photoelectric Smoke Detector

- Suitable for small houses or offices
- 9V alkaline battery and carbon-zinc battery
- Power saving and reliable work
- Low rate of false alarm, good anti-interference ability
- Special chip and advanced optical maze to detect smoke
- Self-test switch, test detector manually



Technical Specifications

Power supply	6F22 DC9V battery
Operating current	≤5uA
Alarm current	≤7mA
Operating Environment	Temperature: -10°C～+50°C; Relative Humidity: ≤90%, non-condensing
Indicator	Red. Flashes about every 45s in normal condition
Alarm sound	≥80dB @ 3m
Protection area	60㎡～100㎡
Weight	135g (with battery)
Mounting hole distance	60mm
Dimension	100mm×54mm (with base)

TCMK5260
Addressable Loop Isolator

- Isolate the shorted circuit from the whole system to ensure normal operation of other parts
- After removing the shorted circuit fault, it can automatically bring the Isolated part into the system
- Optional 170 mA and 270 mA
- Non-polarized two-wire
- Approvals：LPCB（EN54-17） CE



Technical Specifications

Operating voltage	Loop 24V(18.5V～26V)
Operating current	Action current≤170 mA or 270 mA (B and ZX2 short circuit here)
Load capacity	Loop 24V, 170mA;Loop 24V, 270mA (B and ZX2 short circuithere)
Indicator	Yellow,light out in normal condition,Illuminates in action
Operating Environment	Temperature: -10°C～+50°C;Relative Humidity: ≤95%, non-condensing
Coding method	Electronically coding
Material and color of enclosure	ABS; Porcelain white
Mouting hole distance	60mm
Dimension (L×W×H)	86mm×38mm×86mm (with base)

TCMK5261
Addressable Single Input Module

- Designed to connect with active devices in field such as water flow indicator, pressure switch, position switch, signal valve and devices able to transmit back switch signals
- The built-in microprocessor processes messages intelligently
- Plug-in structure
- Non-polarized two-wire
- Approvals：LPCB（EN54-18） CE



Technical Specifications

Operating voltage	Loop: 24V (18.5V～26V)
Operating current	Standby current: ≤0.2mA;Action current: ≤0.8mA
Operating Environment	Temperature: -10°C～+55°C;Relative Humidity: ≤95%, non-condensing
Indicator	Red,Flashes when polling,Illuminates in action
Coding method	Electronically coding
Code range	1～255
Material and color of enclosure	ABS; Porcelain white
Weight	About 110g (with base)
Mounting hole distance	60mm
Dimension (L×W×H)	86mm×38mm×86mm (with base)

TCMK5263
Addressable Single I/O Module

- Designed to connect with linkage devices of fire alarm control panel, such as exhaust valve, air valve, fire damper etc., and can receive feedback signal from device
- Non-polarized two-wire
- Active and passive output
- The input terminal can be in field set to normally open detecting wire or self-feedback mode, which can be connected with passive contact
- Approvals：LPCB（EN54-18） CE



Technical Specifications

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
Output capacity	Passive:Capacity: DC30V/3A;Contact resistance in normal condition: 100kΩ;Closed when activated;Suitable for DC or AC12V～48V;Active output: DC24V/1.5A
Indicator	Red,Input indicator,Flashes when polling,Illuminates in action,Output indicator,Illuminates in action
Coding method	Electronically coding
Code range	1～255
Material and color of enclosure	ABS; Porcelain white
Weight	About 147g (with base)
Mounting hole distance	60mm
Dimension (L×W×H)	86mm×38mm×86mm (with base)

TCMK5268

Addressable Single I/O Module

- Two-wire system with non-polarity. There is no extra need of DC24V, low-pow dissipation
- Volt output is volt-free output
- Input and output has the feature of cable checking for the shot or open circuit
- The input and output have their own isolating loop which can filter the interference from the outside
- Input terminal can be in field set to normally open cable monitor or auto feedback mode, can connect volt-free contact
- The addressable code is electrical, which can be written by the Hand Held Programmer in advance, convenience and reliable for the commissioning
- The circuits and wiring parts are designed as plug-in structure, reliable contact and easy for constructing



Technical Specifications

Operating voltage	Signal bus voltage: loop 24V DC, Range allowed:18.5VDC~26VDC
Operating current	Bus standby current: ≤ 0.3mA, Bus action current: ≤0.8mA
Input cable checking	When in normally open cable monitoring, there is open circuit (short circuit for action signal), the module reports fault signal to the FACP
Output cable checking	There is short, open circuit in output cable, the module reports fault signal to the FACP
Output capacity	Volt-free output: DC30V/3A
Indicator	Red (Input indicator: Flashes when polling, and illuminates in action. Output indicator: Illuminates in action.)
Programming method	Electronically programming, taking one addressable point on the loop. Code range: any one address within 1~255
Operating environment	Atmospheric pressure: 86KPa～106KPa, Temperature: -10°C～+55°C Relative Humidity: ≤95%, non-condensing
Dimension (L×W×H)	86mm×40mm×86mm (with base)
Material and color of enclosure	ABS; porcelain white
Weight	about 147g (with base)
Mounting hole distance	60mm
Standard	EN54-18

J-SAP-TCSB5264

Analogue Addressable Manual Call Point

- Installed in public places; when there is a fire, pressing the frangible element on this MCP can send fire signal to fire alarm control panel
- Alarm by pressing, reset by a special key
- Non-polarized two-wire to the control panel
- Reusable
- Approvals：LPCB（EN54-7） CE



Technical Specifications

Operating voltage	Loop 24V(18.5V～26V)
Operating current	Standby current: ≤0.2mA;Alarm current:≤0.8mA
Operating Environment	Indoor Temperature: -10°C～+55°C;Relative Humidity: ≤95%, non-condensing
Indicator	Red. Flashes about every 3s when polling;Illuminates after in alarm
Coding method	Electronically coding
Code range	1～255
Material and color of enclosure	ABS; Red
Weight	About 120g (with base)
Mounting hole distance	60mm
Dimension (L×W×H)	95mm×44mm×95mm (with base)

TCSG5267
Addressable Sounder Strobe

- Non-polarized two-wireBuilt-in microprocessor, with intelligent fuzzy judgment ability
- Electronically coding
- Equipped with self-diagnosis function to ensure its reliable work
- The state signal value can be provided to directly reflect the current working state of the acousto-optic alarm



Technical Specifications

Operating voltage	Loop: 24V (18.5V～26V)
Standby current	Loop: ≤0.4mA
Active current	Loop: ≤10mA
Operating Environment	Indoor (Non-residential);Temperature: -10°C～+50°C; Relative Humidity: ≤95%（40±2°C）
Sound level	75dB～115dB (A weighted)
Pitch shift periodic	3S～4S
Basic flashing frequency	1Hz～1.5Hz
Weight	200g
Dimension	ϕ101mm×51mm

TCSG5266
Addressable Sounder Strobe

- Installed in public places
- A kind of audio and visual alarm device used to warn people in field when fire occurs
- Four wires:non-polarized signal two-wire, and non-polarized DC24V power two-wire
- Built-in microprocessor
- Self-diagnostic function
- Electronically coding
- Approvals：LPCB（EN54-3） CE



Technical Specifications

Operating voltage	Loop: 24V (16V～28V);Power: DC24V (DC19V～DC28V)
Standby current	Loop: ≤0.2mA;Power: ≤0.5mA
Active current	Loop: ≤1.5mA;Power: ≤50mA
Operating Environment	Indoor (Non-residential);Temperature: -10°C～+50°C; Relative Humidity: ≤95%（40±2°C）
Sound level	80dB～115dB (A weighted)
Pitch shift periodic	3.5S～4.5S
Basic flashing frequency	1Hz～2Hz
Weight	200g
Dimension (L×W×H)	115mm×55.3mm×140mm

MATRIX-JB-TG-TC5000/JB-LT-TC5200
Intelligent Fire Alarm Control Panel

- Color menu display
- Intelligent bus control, max 255 points per loop and max 64 loops
- Comprised of 32 pieces of 64-loop or 128-loop intelligent bus control panel
- Comprised of 32 pieces of two-wire or three –wire direct control panel
- Glass fuse per loop
- Black box, with the optional function of “Set Top Box”
- Filter output has been applied to this control panel, including loop bus output, multi-wire output, power output, acousto-optic output and fire alarm relay output
- Independent controlling password for the specially needed gas recharging units
- Self-design loop protocol

Technical Specifications

	JB-TG-TC5000	JB-LT-TC5200
Mains supply	AC220V (5A);Voltage range: +10%～-15%	
Standby battery	12V/12AH sealed lead acid battery*2	
LCD screen size	7-inch color LCD screen;Resolution: 800×480	
Operating Environment	Temperature: -5°C～+50°C;Relative Humidity: ≤95%, non-condensing	
Capacity	16320 addressable points	
Communication Interface	RS232、RS485、CAN、USB	
Dimension (L×W×H)	600×480×1800mm	1068×993×1335mm



JB-TG-TC5000



JB-LT-TC5200

MATRIX-JB-TB-TC5109

Intelligent Fire Alarm Control Panel

- Color menu display
- Intelligent bus control mode; max 255 addressable points per loop, max 4 loops, max 48 zones
- Loop card type design:1-4 loop card can be seledted
- Glass fuse per loop
- Black box function
- Independent controlling password for the specially needed gas recharging units
- Self-design loop protocol
- Wall-mounted structure, compact and exquisite
- Language: simplified Chinese and English
- Approvals：LPCB（EN54-2/4） CE



Technical Specifications

Mains supply	AC230V (50HZ),Voltage range:+10%～-15%
Standby battery	12V/12AH sealed lead acid battery*2
LCD screen size	7-inch color LCD screen
Operating Environment	Temperature: -5°C～+50°C;Relative Humidity: ≤95%, non-condensing
Capacity	1020 addressable points
Communication Interface	RS232、RS485、CAN、USB
Dimension (L×W×H)	420mm×140mm×560mm
Output	Five output. Fault output. 24V power output. Loop output

TCBM50MTX
Handheld Encoder



- Contact-type encoding method
- Simplify encoding procedure, shorten encoding time, and reduce work intensity
- Complete encoding within a second
- Greatly improve the efficiency of the engineering commissioning
- Manual structure, compact appearance
- LCD and English display
- Battery management function

Technical Specifications

Power supply	1.5V/AA battery *2
Operating current	≤40mA
Standby current	≤2mA (4mA when the backlight is on)
Operating Environment	Temperature: -10°C～+50°C,Relative Humidity: ≤95%, non-condensing
Dimension (L×W×H)	60mm×29mm×155mm

TCDZ5000
Detector Base



- Common base for fixing detectors, compatible with TC5101 and TC5102
- No electronics, safe at the time of installation