



Our Mottō - Fire Protection

Bharat Fire Fighting Pvt. Ltd



Certified By



bsi.



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Approved Fire Extinguishers



Portable Fire Extinguisher



Automatic Fire Extinguisher



Trolley Type Fire Extinguisher



Fire Blankets



Emergency & Exit Lights

Approved Pipes & Fittings



MS / GI Pipes



Sprinkler Clamps



Threaded Fittings



Grooved fittings



Welded Fittings and Flanges



Approved  LISTED Sprinklers



Approved  LISTED
Fire Resistant Cables



Hose Reels & Cabinets



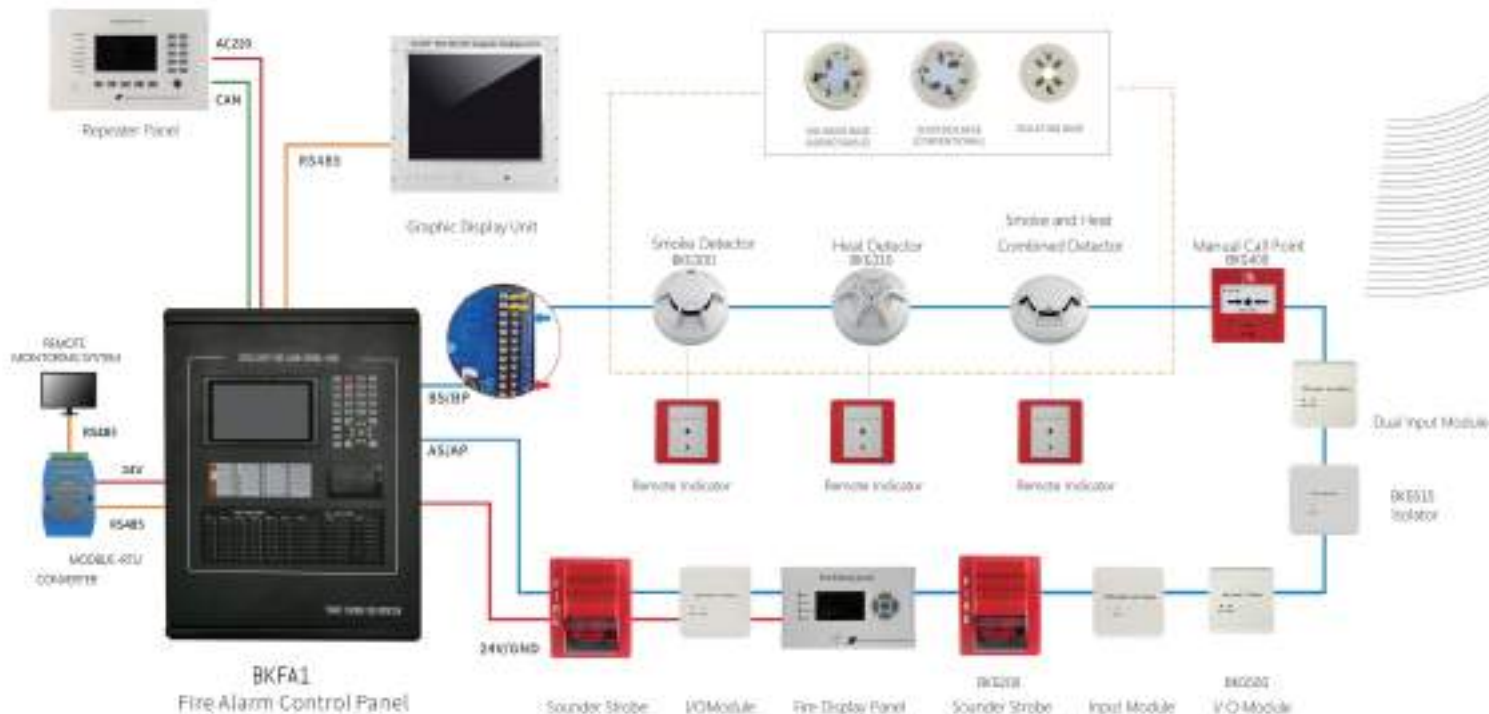


Approved Valves



Approved Fire Detection & Alarm System





BKFA1

TECHNICAL SPECIFICATIONS

• 255 addressable points per loop
 • max 4 loops, max 40 zones
 • Loop card type design 1-4 loop cards can be selected
 • Glass fuse per loop
 • Black box function
 • Self-design loop protocol
 • Well-secured structure, compact and reliable
 • Alarm rate coding with controller
 • Language simplified Chinese, English, Turkish and Russian to meet self-design loop protocol

• 4000 points communication RS485
 • RS485 baud rate 19200bps, 9600bps, 4800bps, 2400bps, 1200bps, 600bps
 • RS485 max cable length 1200m
 • RS485 max cable diameter 1.5mm
 • RS485 max cable weight 1.5kg
 • RS485 max cable voltage 12V
 • RS485 max cable current 100mA

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.



FEATURE

- Intelligent loop control mode: max 255 addressable points per loop, max 4 loops, max 40 zones
- Loop card type design: 1-4 loop cards can be selected
- Glass fuse per loop
- Black box function
- Self-design loop protocol
- Well-secured structure, compact and reliable
- Alarm rate coding with controller
- Language: simplified Chinese, English, Turkish and Russian to meet self-design loop protocol

RS1, RS2, RS3, RS4	Loop Signal Bus Loop 1: P is positive, N is
RS5, RS6, RS7, RS8	Loop Signal Bus Loop 2: P is positive, N is
RS9, RS10, RS11, RS12	Loop Signal Bus Loop 3: P is positive, N is
RS13, RS14, RS15, RS16	Loop Signal Bus Loop 4: P is positive, N is
RS17, RS18, RS19, RS20	Loop Signal Bus Loop 5: P is positive, N is
RS21, RS22, RS23, RS24	Loop Signal Bus Loop 6: P is positive, N is
RS25, RS26, RS27, RS28	Loop Signal Bus Loop 7: P is positive, N is
RS29, RS30, RS31, RS32	Loop Signal Bus Loop 8: P is positive, N is
RS33, RS34, RS35, RS36	Loop Signal Bus Loop 9: P is positive, N is
RS37, RS38, RS39, RS40	Loop Signal Bus Loop 10: P is positive, N is
RS41, RS42, RS43, RS44	Loop Signal Bus Loop 11: P is positive, N is
RS45, RS46, RS47, RS48	Loop Signal Bus Loop 12: P is positive, N is
RS49, RS50, RS51, RS52	Loop Signal Bus Loop 13: P is positive, N is
RS53, RS54, RS55, RS56	Loop Signal Bus Loop 14: P is positive, N is
RS57, RS58, RS59, RS60	Loop Signal Bus Loop 15: P is positive, N is
RS61, RS62, RS63, RS64	Loop Signal Bus Loop 16: P is positive, N is
RS65, RS66, RS67, RS68	Loop Signal Bus Loop 17: P is positive, N is
RS69, RS70, RS71, RS72	Loop Signal Bus Loop 18: P is positive, N is
RS73, RS74, RS75, RS76	Loop Signal Bus Loop 19: P is positive, N is
RS77, RS78, RS79, RS80	Loop Signal Bus Loop 20: P is positive, N is
RS81, RS82, RS83, RS84	Loop Signal Bus Loop 21: P is positive, N is
RS85, RS86, RS87, RS88	Loop Signal Bus Loop 22: P is positive, N is
RS89, RS90, RS91, RS92	Loop Signal Bus Loop 23: P is positive, N is
RS93, RS94, RS95, RS96	Loop Signal Bus Loop 24: P is positive, N is
RS97, RS98, RS99, RS100	Loop Signal Bus Loop 25: P is positive, N is

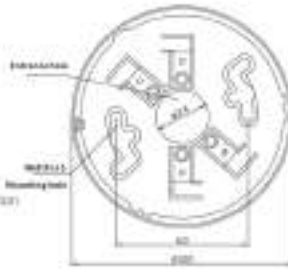
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BKG300

FEATURE

- Infrared scattering principle
- Non-polarized lens also
- Drift compensation and fault detecting function



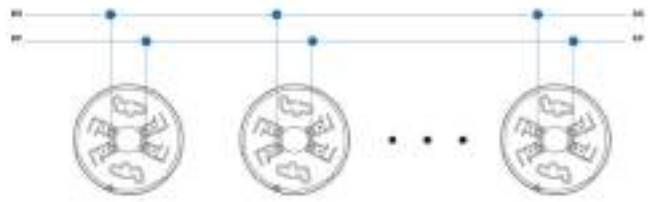
TECHNICAL SPECIFICATIONS

Model Name: BKG300
Supply Voltage: 24VDC
Power: 1W
Response Time: 30s
Temperature: 0°C to 50°C
Relative Humidity: 10% to 90%
Response: 100%
Response Time: 30s
Response: 100%
Response: 100%

Response: 100%
Response: 100%
Response: 100%
Response: 100%
Response: 100%
Response: 100%
Response: 100%
Response: 100%
Response: 100%

DETAILS

1. Base of the detector is shown below. 2. There are 2 conductor pairs with terminals on the base. Detector's loop should be respectively connected with two terminals (non-polarized). After the base is fixed firmly, rotate the bottom of detector and base clockwise, and then the detector will be fitted to the base.
3. 1.0mm² or above 0.6 cable, subject to local codes.



BKG310

FEATURE

- Advanced single-chip microcomputer technology
- Non-polarized lens also
- Thermal time element improves the response speed of temperature variation



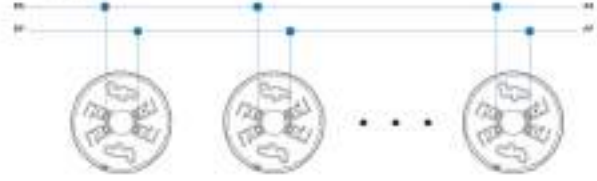
TECHNICAL SPECIFICATIONS

Model Name: BKG310
Supply Voltage: 24VDC
Power: 1W
Response Time: 30s
Temperature: 0°C to 50°C
Relative Humidity: 10% to 90%
Response: 100%
Response Time: 30s
Response: 100%
Response: 100%

Response: 100%
Response: 100%
Response: 100%
Response: 100%
Response: 100%
Response: 100%
Response: 100%
Response: 100%

DETAILS

1. Fix the base with two tapping screws, and then connect loop to terminals quickly-inversely. After the base is fixed firmly, rotate the bottom of detector and base clockwise, and then the detector will be fitted to the base.
2. Wiring instructions: BV5 twisted pair with cross-sectional area 1.0mm² should be selected for the second bus of the detector, which should be laid through metal pipe or flame-retardant pipe. The length of the connecting wire should be limited to the single bus resistance 30Ω, otherwise the wire diameter should be increased.





MORE CERTIFIED PRODUCTS COMING SOON



BKG500

FEATURE

- Non-polarised two bus, ultra-low power consumption, no need to add DC24V power supply
- Flexible output by input and output base soldering help to effectively filter out external interference



MORE CERTIFIED PRODUCTS COMING SOON

Addressable Input Module
 Model: BKG500
 Input: 24VDC
 Output: 24VDC
 Power: 1W
 Dimensions: 40mm x 40mm x 15mm
 Weight: 1.5g

TECHNICAL SPECIFICATIONS
 Input: 24VDC
 Output: 24VDC
 Power: 1W
 Dimensions: 40mm x 40mm x 15mm
 Weight: 1.5g

DETAILS

1. Fix the base with two tapping screws, and then connect loop to terminals (polarity-insensitive). After the base is fixed firmly, rotate the bottom of detector and base clockwise, and then the detector will be fitted to the base.
2. Wiring instructions: Two twisted pair with cross-sectional area 1.0mm² should be selected for the second bus of the detector, which should be laid through metal pipe or flame-retardant pipe. The length of the connecting wire should be limited to the single bus resistance ≤ 300, otherwise the wire diameter should be increased.



BKG510

FEATURE

- Designed to connect with active devices or field such as water flow indicators, pressure switches, position switches, signal valves and devices able to transmit back switch signals
- The built-in microprocessor processes messages intelligently
- Plug-in structure
- Non-polarised two-bus



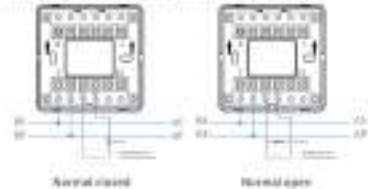
TECHNICAL SPECIFICATIONS

Addressable Input Module
 Model: BKG510
 Input: 24VDC
 Output: 24VDC
 Power: 1W
 Dimensions: 40mm x 40mm x 15mm
 Weight: 1.5g

TECHNICAL SPECIFICATIONS
 Input: 24VDC
 Output: 24VDC
 Power: 1W
 Dimensions: 40mm x 40mm x 15mm
 Weight: 1.5g

DETAILS

- The module and base adopt plug-in structure. Unplug the module, put cables into the entrance hole and connect corresponding terminals. And then plug the module onto the base.
- L1 (7), L2 (8): Non-polarised signal bus input terminal
 A1 (9), A2 (10): passive input, connect passive normally open contact (plains) when device's action closed.
 It can also be set to normally closed input by using hard-held Encoder.
 Signal bus L1 and L2 adopt 0.5 twisted pair, and cross-sectional area 1.0mm²; A1 and A2 adopt BV wire.

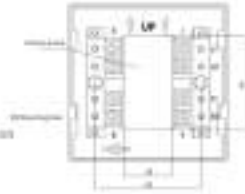




BKG400

FEATURE

- Plug in structure. Single and connected installation
- Alarm by pressing, reset by a special key
- Non-polarized two-wire to the control panel
- Reusable



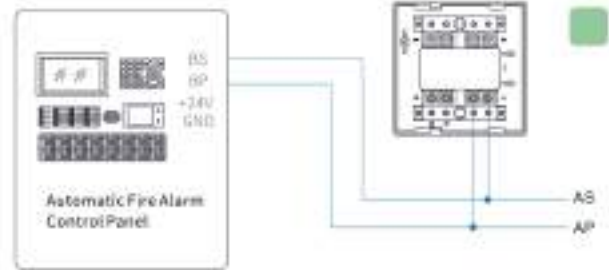
TECHNICAL SPECIFICATIONS

General
 Model No. BKG400
 Dimensions (mm) 100x100x40
 Weight (kg) 0.15
 Material ABS
 Color Red
 Power Supply 24VDC
 Power Consumption 1.5W

Technical
 Working Voltage 24VDC
 Working Current 150mA
 Alarm Current 150mA
 Alarm Voltage 24VDC
 Alarm Frequency 1Hz
 Alarm Duration 30s
 Alarm Silence 30s
 Alarm Reset Key

DETAILS

1. The MCP is mounted inside the wall. Drilling the point, put cables into the base's entrance hole and connect corresponding terminals.
2. Wiring with colors: BLAS and BRAR, two bus inputs of non-related signals.



BKG200

FEATURE

- Two-wire non-polarized signal two-wire and non-polarized 24VDC power two-wire
- Built-in siren/speaker
- Self-diagnosis function
- Rechargeable battery



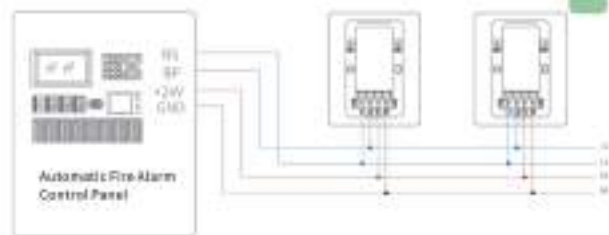
TECHNICAL SPECIFICATIONS

General
 Model No. BKG200
 Dimensions (mm) 100x100x40
 Weight (kg) 0.15
 Material ABS
 Color Red
 Power Supply 24VDC
 Power Consumption 1.5W

Technical
 Working Voltage 24VDC
 Working Current 150mA
 Alarm Current 150mA
 Alarm Voltage 24VDC
 Alarm Frequency 1Hz
 Alarm Duration 30s
 Alarm Silence 30s
 Alarm Reset Key

DETAILS

1. Using the tools
2. Drilling the hole. Pre-drilling the through-drilling hole from the back of the wall according to the diameter of the hole of the alarm device.
3. The alarm device is mounted inside the wall. The lower hole and screw of the alarm device are plugged in the hole. The alarm device is non-polarized two-wire. The alarm device is rechargeable.



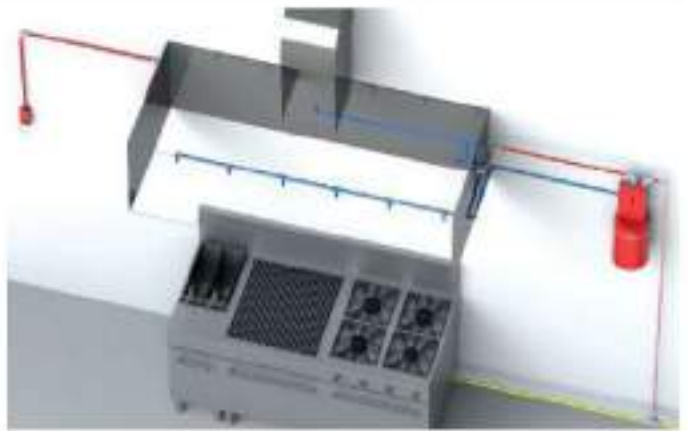


HS SERIES KITCHEN HOOD SUPPRESSION SYSTEM PRICE LIST

HS8

8 Flowpoint Fire Suppression System

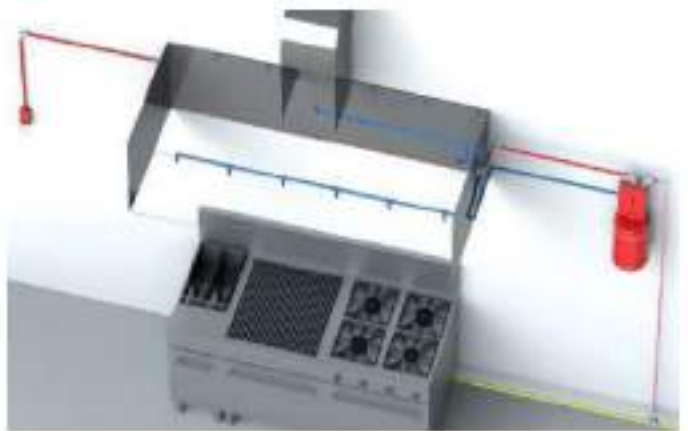
- 8 Flowpoint fire suppression system
- 10 lt wet chemical
- 8 pcs. Nozzles
- 1 pcs. Thermobulb
- 3 pcs. Corner Pulleys
- 1 pcs. Manual pull station
- 1 pcs. Cylinder hang kit



HS16

16 Flowpoint Fire Suppression System






- 16 Flowpoint fire suppression system
- 20 lt wet chemical
- 16 pcs. Nozzles
- 3 pcs. Thermobulb
- 5 pcs. Corner Pulleys
- 1 pcs. Manual pull station
- 1 pcs. Cylinder hang kit



System Components

Part Code	Part Name	Image / Picture
P900	Corner Pulley	
P850 (8 flow) P860 (16 flow)	Cylinder bracket	
P300	Manual Pull Station	
P400	Thermobulb Kit 182 C	
P700	Thermobulb Kit 260 C	

System Components

Part Code	Part Name	Image / Picture
P600-P650	P600 - 1 Flow nozzle P650 - 2 Flow nozzle	
P200	Microswitch Kit	
P602	Nozzle cap Package qty: 10 pcs	
AC	Aluminium collet Package qty: 100 pcs	
SH	S hook Package qty: 10 pcs	

HSP8

8 Flow Kitchen Suppression System

- 8 Flow system
- 10 lt wet chemical
- 8 pcs. Nozzles
- 10 m Detection tubing
- 1 pcs. Manual push button
- 1 pcs. Cylinder bracket
- Pressure switch
- Solenoid gas shut-off valve (optional)








HSP16

16 Flow Kitchen Suppression System

- 16 Flow system
- 20 lt wet chemical
- 16 pcs. Nozzles
- 15 m Detection tubing
- 1 pcs. Manual push button
- 1 pcs. Cylinder bracket
- Pressure switch
- Solenoid gas shut-off valve (optional)



SPARE PARTS

Part Code	Part Name	Explanation / Details	Image / Picture
P602	Nozzle Cap	Package quantity : 10 pcs.	
P600 (H1) P650 (H2)	Nozzle	Package quantity : 15 pcs.	
HSP200	Manual Push Button	Package quantity : 1 pcs.	
HSP300	Pressure Swicth	<ul style="list-style-type: none"> * Dry contact * Normally closed * Send signal when pressure decreases to 5 bar (adjustable) Package quantity : 1 pcs.	
HSP500	Solenoid Gas Shut-off Valve	<ul style="list-style-type: none"> *Normally closed *Manual reset *220 V & 12/24 V options Package quantity : 1 pcs.	



Our Motto - Fire Protection

Bharat Fire Fighting Pvt. Ltd

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