

BC-01 6" Fire Alarm Bell

Fire Alarm System

Overview:

The BC-01 Conventional 6" fire bell is manufactured in accordance with EN54-3 standard with low power consumption. The BC-01 is suitable for connection to any listed control panel.

Features:

- LPCB Listed
- High efficiency design
- Low current consumption motorized bell
- Easy to install

Technical Specifications:

Listed	LPCB / CE
Mechanical	DC motor/Acetal gear wheel/ Steel Striker/Steel Gong
Operating Power	24VDC/ 25mA
Sound Pressure Level	93dB/m
Remote Indicator Bulb	30V/20W white color
Operating Temperature	0°C to 50°C
Humidity	0 to 95% Relative Humidity, Non condensing
Material	Steel Plate
Application	For Indoor Use

ISST Fire Alarm Products. Features and specifications are subject to change without notice.



Product Information

MODEL	DESCRIPTION
BC-01	LPCB Conventional 6" Fire Alarm Bell

CC-01/CC-02 Conventional Resettable Call Point

Fire Alarm System

Overview:

The CC-01/02 Manual Call Point is designed for the use of raising an alarm manually once verification of a fire or emergency condition has been occurred through pressing the resettable glass. Manufactured in accordance with EN 54 part 11, European Standard and constructed of high impact red ABS with smart design, easy to install and maintenance. The unit is supplied with special key for resetting.

Features:

- LPCB Listed
- Surface or Semi-Flush mounted (according to the mounting base)
- Compatible with latest EN standards
- Flip cover for extra protection (CC-02)
- High visibility LED indicator
- Re-settable MCP
- Plastic cover based on the model number
- Optional back box for surface mount
- Flashing LED indicator
- Easy to install



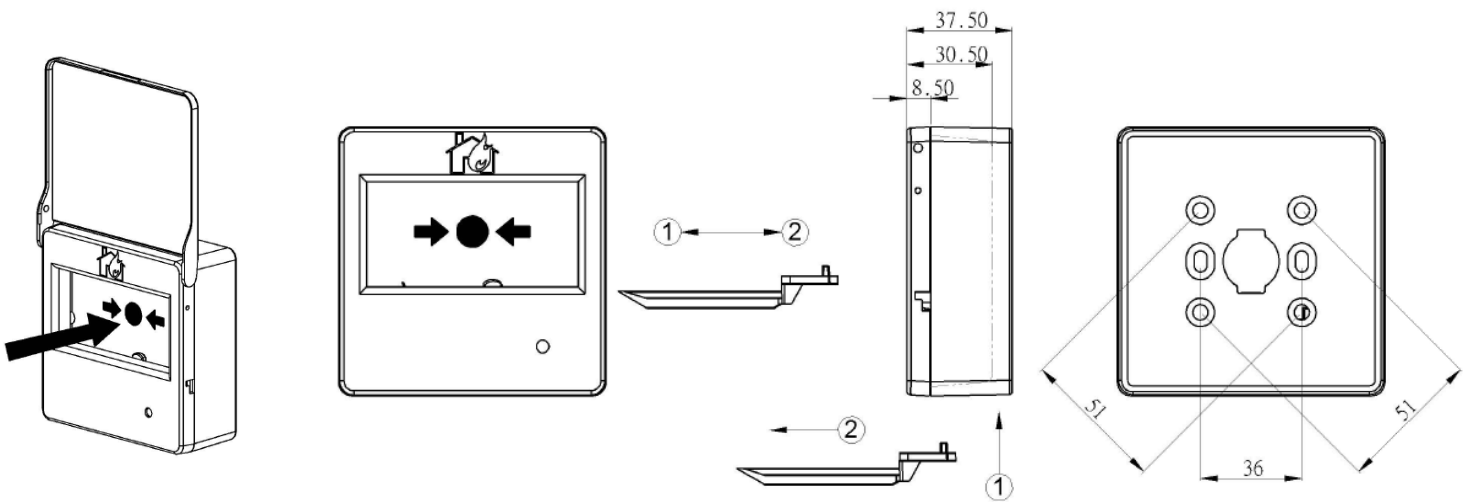
Product Information

MODEL	DESCRIPTION
CC-01	LPCB Conventional Resettable Semi Flash Call Point
CC-02	LPCB Conventional Resettable Semi Flash Call Point with Flip Cover

Technical Specifications:

Listed	LPCB / CE
Complies with	EN54-11
Operating Voltage	35VDC
Operating Current	2A
Remote Indicator Output Current	15mA
Operating Temperature	-10°C to 55°C
Humidity	0 to 95% Relative Humidity, Non condensing
Material	High Resistance ABS Plastic
Application	For Indoor Use

Mechanical Lay-Out



CH-01

Conventional Dual Heat Detector

Fire Alarm System

Overview:

The CH-01 is dual heat detector, rate of rise and fixed temperature. Built-in pair heat sensing thermistor that provide fast response in the intense fire under rapid temperature rise solution and alarm when the threshold is reached. The CH-01 conventional dual heat detector is available in 2-wire and 4-wire for different application such as fire protection and security systems.

Features:

- LPCB Listed
- Magnet-activated test switch
- Suitable connection for third party system
- Advance sensitivity setting against unwanted alarm
- Up to 30 detectors per zone input
- Low current for security system
- Durable sensor head, excellent smoke access
- Dual LED for 360 degree visibility
- Easy installation and maintenance
- Standard Base CB-D2 for 2 wire
- Modern design available in white and beige color
- Five-years limited warranty



Product Information

MODEL	DESCRIPTION
CH-01	LPCB Rate of Rise and Fixed Temperature detector with Remote indicator Output, 2-Wire, 24VDC supply
CB-D2	LPCB Common Detector Base
CI-01	UL Remote Indicator

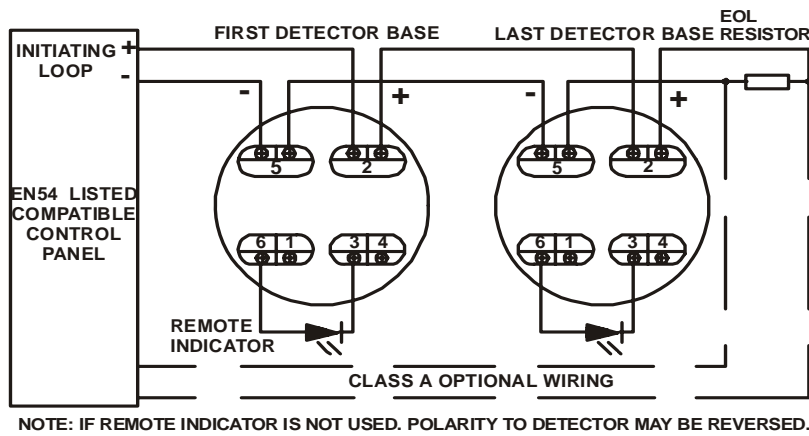


Technical Specifications:

Model	2/4 wire	Voltage DC	Standby Current	Alarm Current	Surge Current	Star-Up Time	Permissible Current	Frequency	Base model
CH-01	2	12~35V	42µA	60mA	40µA	60 Sec	80mA	4-6 Seconds	CB-D2

Listed	LPCB / CE
Complies with	EN54-5:2000
Sensitivity	EN54-5 Stipulated standard
Coverage Area	50 m ² heat devices
Start-up Current	70µA (max)
Alarm Impedance (2-Wire)	100Ω + 3V Max; 560Ω + 3V
Remote Indicator Output Current	15mA
Reset Voltage	Less than 1V
Reset Time	Less than 1 Second
Alarm Indicator	Red LED Steady lit
Relay Capacity	1.0 A; 30 VDC / 0.5A; 125 VAC
Operating Temperature	-10°C to 38°C
Humidity	0 to 95% Relative Humidity, Non condensing
Dimension	100 mm x 46 mm with base
Weight	0.130 Kg with base

Typical 2-wire Wiring Diagram –CB-D2



Standard Base
CB-D2



Remote Indicator
CI-01

CS-01 Conventional Optical Smoke Detector Fire Alarm System

Overview:

The CS-01 optical smoke detector is designed to respond to a variety of smoke phenomena using well established light scattering principle. CS-01 is mostly sensitive to larger, cooler, smoke particles typical of shouldering fires such as plastics. This detector is built with advance photoelectric smoke sensing technology and standard sensitivity setting against the unwanted alarm and to have an early warning to the fire that makes suitable to use in premises and items of property with valuable assets.

Features:

- LPCB Listed
- Advance photoelectric smoke sensing technology with Dual Heat detector
- Suitable connection for third party system
- Advance sensitivity setting against unwanted alarm
- Up to 30 detectors per zone input
- Low current for security system
- Durable sensor head, excellent smoke access
- Dual LED for 360 degree visibility
- Easy installation and maintenance
- Standard Base CB-D2 for 2 wire
- Modern design available in white and beige color
- Five-years limited warranty



Product Information

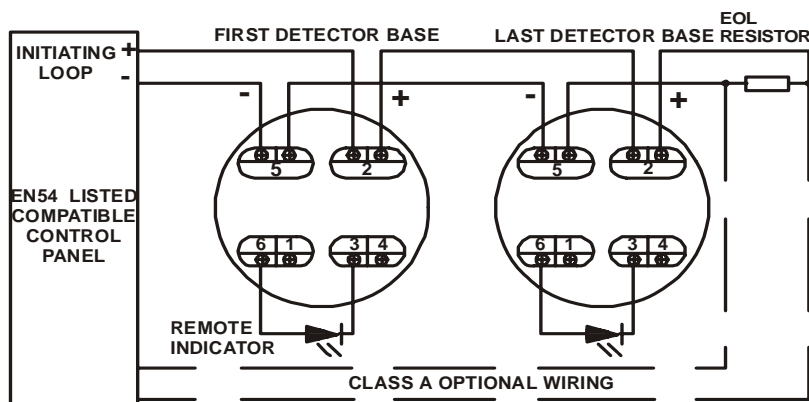
MODEL	DESCRIPTION
CS-01	LPCB Conventional Optical Smoke detector with Remote indicator Output, 2-Wire 24Vdc Supply
CB-D2	LPCB Common Detector Base
CI-01	UL Remote Indicator

Technical Specifications:

Model	2/4 Wire	Fixed Temp	Voltage DC	Standby Current	Alarm Current	Surge Current	Start Up Time	Base Model
CS-01	2	-	12-35V	35µA	70mA	40µA	60 Sec	CB-D2

Listed	LPCB / CE
Complies with	EN54-7:2000
Sensitivity	EN54-5 Stipulated standard
Coverage Area	100 m ² smoke devices
Start-up Current	70µA (max)
Alarm Impedance (2-Wire)	100Ω + 3V Max; 560Ω + 3V
Remote Indicator Output Current	15mA
Reset Voltage	Less than 1V
Reset Time	Less than 1 Second
Alarm Indicator	Red LED Steady lit
Relay Capacity	1.0 A; 30 VDC / 0.5A; 125 VAC
Operating Temperature	-10°C to 50°C
Humidity	0 to 95% Relative Humidity, Non condensing
Dimension	100 mm x 46 mm with base
Weight	0.130 Kg with base

Typical 2-wire Wiring Diagram –CB-D2



NOTE: IF REMOTE INDICATOR IS NOT USED. POLARITY TO DETECTOR MAY BE REVERSED.



Standard Base
CB-D2



Remote Indicator
C1-01



CSH-01

Conventional Optical/Heat Detector

Fire Alarm System

Overview:

The CSH-01 Multi-sensor detector (combined optical smoke and heat detector) is designed to respond to a variety of smoke phenomena using well established light scattering principle. With combined dual heat sensing thermistor technology to respond in the intensive fire under rapid temperature rise. CSH-01 multi sensor detector offers better protection and lead to limit the alarm in the protected area. The multi-sensor detector is available in 2-wire and 4-wire for different application such as fire protection and security systems.

Features:

- LPCB Listed
- Advance photoelectric smoke sensing technology with Dual Heat detector
- Suitable connection for third party system
- Advance sensitivity setting against unwanted alarm
- Up to 30 detectors per zone input
- Low current for security system
- Durable sensor head, excellent smoke access
- Dual LED for 360 degree visibility
- Easy installation and maintenance
- Standard Base 854001 for 2 wire
- Modern design available in white and beige color
- Five-years limited warranty



Product Information

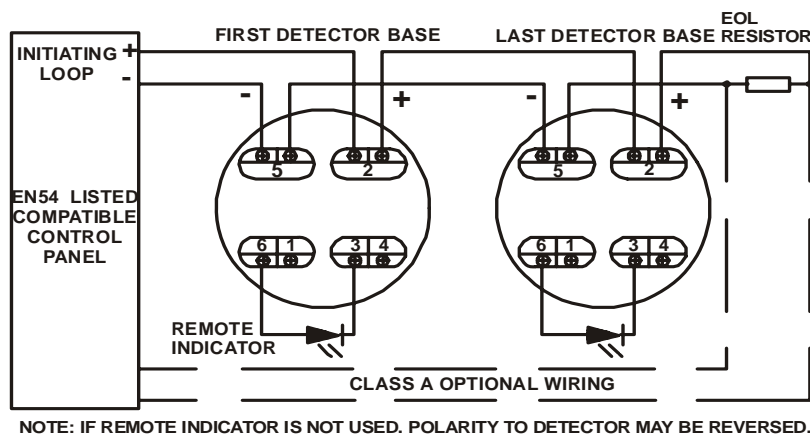
MODEL	DESCRIPTION
CSH-01	LPCB Conventional Optical/Heat detector with Remote indicator Output, 2-Wire 24Vdc Supply
CB-D2	LPCB Common Detector Base
CI-01	UL Remote Indicator

Technical Specifications:

Model	2/4 Wire	Fixed Temp	Voltage DC	Standby Current	Alarm Current	Surge Current	Start Up Time	Base Model
CSH-01	2	57°C(135°F)	12-35V	35µA	70mA	40µA	60 Sec	CB-D2

Listed	LPCB / CE
Complies with	EN54-5/7:2000
Sensitivity	EN54-5 Stipulated standard
Coverage Area	100 m ² smoke devices / 50 m ² heat devices
Start-up Current	70µA (max)
Alarm Impedance (2-Wire)	100Ω + 3V Max; 560Ω + 3V
Remote Indicator Output Current	15mA
Reset Voltage	Less than 1V
Reset Time	Less than 1 Second
Alarm Indicator	Red LED Steady lit
Relay Capacity	1.0 A; 30 VDC / 0.5A; 125 VAC
Operating Temperature	-10°C to 50°C
Humidity	0 to 95% Relative Humidity, Non condensing
Dimension	100 mm x 46 mm with base
Weight	0.130 Kg with base

Typical 2-wire Wiring Diagram –CB-D2



Standard Base
CB-D2



Remote Indicator
CI-01

CCP2/4/8E-Series Control Panel

Conventional Fire Alarm Control Panel

Certified to EN54 Part 2/4



Overview

The **ISST CCP** range of conventional fire control panels are high specification, fully featured control units designed for the most demanding of conventional fire detection and alarm system applications. **ISST CCP** is available with two, four or eight detection zones in standard or installation saving, "two wire" versions. The extensive range of configuration features available ensure suitability for new installations or panel replacements on older systems. Configuration options are stored in non-volatile memory and are easily accessed via an intuitive user interface which allows the configuration data to be viewed and changed simply and easily. **ISST CCP** control panels are compatible with most standard, conventional detectors, call points and sounders. An integral three Amp power supply and temperature compensated battery charger provides ample power for the two, 0.5 Amp rated standard sounder outputs, zonal sounder outputs on "two wire" versions and an auxiliary 24V supply output.

Powerful Features

The simple and intuitive programming interface on **ISST CCP** panels allows simple configuration of many parameters by entering simple codes which are listed on the inner door look up table and in the operation and maintenance manual. Configurable options include sounder delays, short circuit triggering of zones, nonlatching zones, silent zones, I.S. barrier compatible zones and system disablements.

Connectivity

ISST CCP control panels have a dedicated; two wire serial bus for connection of repeater panels, Ancillary relay boards or zonal sounder extension boards. Up to seven units may be connected to the serial bus which can be up to 1200 metres in length. All units connected to the serial bus are fully monitored and the control panel will announce a fault condition showing the address and type of any units that fail or are disconnected after the panel has been configured to recognize them. These "two wire" versions provide the capability of zonal sounders which may be configured as zonal alarm (sounders operate only in the zone of activation), common alarm (all sounders in all zones operate) or two-stage alarm (sounders are continuous in the zone of activation and pulsing in all other zones).

Ease of Installation

The elegant and simple construction of the panel enables the chassis to be completely dismantled by removing just two screws. The outer cover can also be detached by removing two hinge pins making first fix installation very simple and enabling the sensitive electronic parts to be stored safely for re-fitting at the commissioning stage. **ISST CCP** panels combine compact and practical styling with the programming power and connectivity required for the most complex and demanding conventional fire alarm system installations.

SBC-01

LPCB Conventional Sounder Beacon

Fire Alarm System

Overview:

The SBC-01 is a conventional sounder beacon with high intensity LED that is suitable in areas where the occupant has an impaired hearing problem and areas with normal high ambient noise level. Selectable tones up to 32 and sound output volume adjustment. Manufactured in accordance with EN 54 part 3, European Standard and constructed of high impact red ABS with a low profile design, easy to install and maintain.

Features:

- LPCB Listed
- Compatible with latest EN standards
- 32 selectable tones and volume control adjustment
- High Intensity LED
- Low current consumption
- Outdoor/ Indoor application
- Knock-out hole for side entry cable
- Surface or Semi-Flush mounted,
- Easy to install



Product Information

MODEL	DESCRIPTION
SBC-01	LPCB Conventional Sounder Beacon, 24VDC.



Technical Specifications:

Listed	LPCB / CE
Complies with	EN54-3
Operating Voltage	24VDC
Operating Current	14.5 (tone 3)
Sound Pressure Level	110 dB (A) at 1 meter
Tones	32 Selectable via Dip Switch
Volume Control	0 to -20 dB Adjustment
Operating Temperature	-25°C to 80°C
Humidity	0 to 93% Relative Humidity, Non condensing
Material	High Resistance ABS Plastic
Application /IP Rating	Indoor / Outdoor Use (IP 45)
Dimension	Dia. 92.5 x H. 110 (mm)
Weight	278 (g)

SC-01

LPCB Conventional Sounder

Fire Alarm System

Overview:

The SC-01 is a conventional sounder provide high output sound level pressure 110 dBA under low power consumption. Selectable tones up to 32 and sound output volume adjustment. Manufactured in accordance with EN 54 part 3, European Standard and constructed of high impact red ABS with low profile design, easy to install and maintenance.

Features:

- LPCB Listed
- Compatible with latest EN standards
- 32 selectable tones and volume control adjustment
- Low current consumption
- Outdoor/ Indoor application
- Knock-out hole for side entry cable
- Surface or Semi-Flush mounted,
- Easy to install



Product Information

MODEL	DESCRIPTION
SC-01	LPCB Conventional Sounder, 24VDC.



Technical Specifications:

Listed	LPCB / CE
Complies with	EN54-3
Operating Voltage	24VDC
Operating Current	14.5 (tone 3)
Sound Pressure Level	1140dB (A) at 1 meter
Tones	32 Selectable via Dip Switch
Volume Control	0 to -20 dB Adjustment
Operating Temperature	-25°C to 80°C
Humidity	0 to 93% Relative Humidity, Non condensing
Material	High Resistance ABS Plastic
Application /IP Rating	Indoor / Outdoor Use (IP 45)
Dimension	Dia. 92.5 x H. 94 (mm)
Weight	254 (g)