



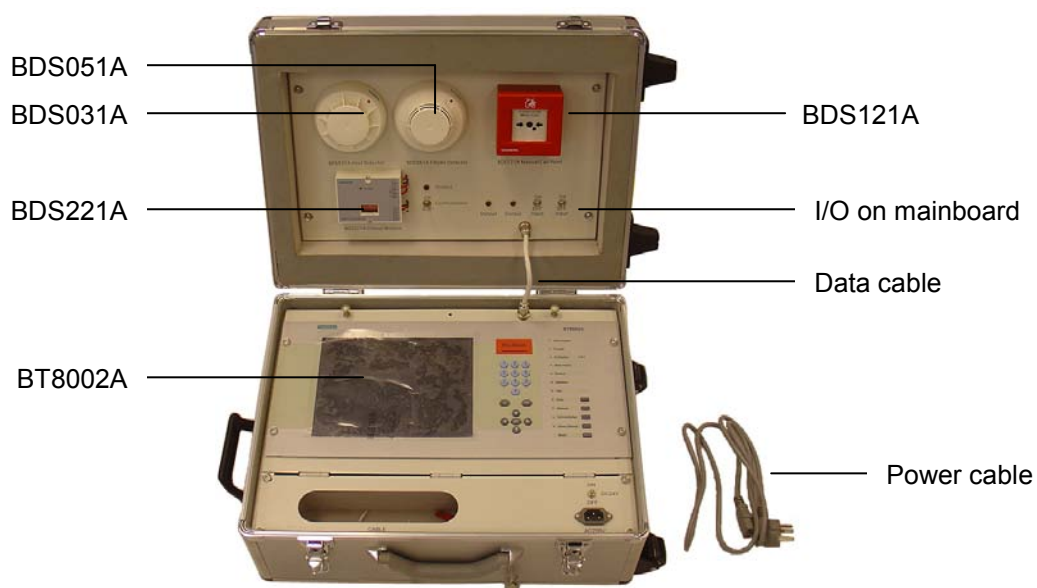
BC8002A Democase Product Manual

Overview

BC8002A democase is designed for demonstrating BC8002A fire alarm control system, it consists of:

- BT8002A control panel
- BDS051A smoke detector
- BDS031A heat detector
- BDS121A manual call point
- BDS221A output module

Structure



LED and Switches

Output (LEDs)	Off	No output.
	On	Output is activated.
Input (Switches)	Off	No input.
	On	Input is activated.
Confirmation (Switches)	Off	No confirmation.
	On	Confirmation is activated.
DC24V (Switches)	Off	No power.
	On	Power is supplied.

Installation

1. Open the demo case.
2. Connect power cable.
3. Connect data cable.
4. Switch AC power on.
5. System will go into the normal status and ready for test and demonstration (login password is 4321 by default)

Operation

Events	Conditions	Action (password required)
Normal	<ul style="list-style-type: none"> ● The green power LED is on. 	None
Alarm	<ul style="list-style-type: none"> ● The red fire alarm LED is on. ● Acknowledge LED is flashing. ● Alarm Silence LED is flashing. ● The buzzer is ON. 	<ol style="list-style-type: none"> 1. Press ACKNOWLEDGE to acknowledge the alarm. The acknowledge LED will be steady on. The buzzer will be silenced. 2. Press ALARM SILENCE, the alarm silence LED will be steady on. 3. Read fire location on LCD. 4. Remove fire alarm and press RESET to return to normal status.
Trouble	<ul style="list-style-type: none"> ● The yellow trouble LED is on. ● Acknowledge LED is flashing. ● The buzzer is ON. 	<ol style="list-style-type: none"> 1. Press ACKNOWLEDGE to acknowledge the trouble. The acknowledge LED will be steady on. The buzzer will be silenced. 2. Read trouble location on LCD. 3. Remove trouble, the panel will go back to normal status automatically.
Isolation	<ul style="list-style-type: none"> ● The yellow isolation LED is on. ● Acknowledge LED is flashing. ● The buzzer is ON. 	<ol style="list-style-type: none"> 1. Press ACKNOWLEDGE to acknowledge the isolation. The acknowledge LED will be steady on. The buzzer will be silenced. 2. When the isolated point is open, the panel will go back to normal status automatically.
Activation	<ul style="list-style-type: none"> ● The yellow activation LED is on. ● Acknowledge LED is flashing. ● The buzzer is ON. 	<ol style="list-style-type: none"> 1. Press ACKNOWLEDGE to acknowledge the activation. The acknowledge LED will be steady on. The buzzer will be silenced. 2. When the activated point is de-activated, the panel will go back to normal status automatically.

The detailed operation of controller is referred to the "BC8002A Operating Manual" delivered with product.

Accessories

Key	Used for opening or test MCP
Power cable	Used for connecting AC power
Data cable	Used for data communication between the control panel and the devices

Technical Data

AC power input	120 VAC/60Hz/ 1.9 A 240VAC//50Hz/ 900mA
Dimensions, in:mm	490×363×213
AC fuse capacity	5.0 A
Operating temperature	0°C ~ +49°C
Storage temperature	-10°C ~ +50°C
Relative humidity	≤93% (32±2°C)

Order Information

Type	Material No.	Part No.	Description	Weight
BC8002A Demo	S54421-N15-A1	100919973	BC8002A Democase	14.5Kg