

fire alarm  
**ANCILLARIES**



relays  
remote indicators  
device isolators  
sounder extenders  
ancillary equipment boxes  
vibrating pads



fire alarm

# ANCILLARIES

A range of durable, reliable and cost-effective fire alarm ancillaries suitable for use with most manufacturers' fire alarm control panels.

From low-cost remote LED indicators and general purpose relays to four zone sounder circuit extenders, vibrating pads and ancillary document and equipment boxes, C-TEC's fire alarm ancillaries are among the most-respected in the industry.

With ten of thousands of units already installed - all fully compliant with the relevant British and European Standards - you can rest-assured C-TEC's ancillaries will serve as reliable, practical and quality additions to any fire alarm or life safety system.



## ANCILLARY EQUIPMENT BOXES



A range of wall-mountable storage boxes that can be used to house all kinds of auxiliary electronic equipment - from batteries and relays to timers and control switches.

An invaluable storage solution for specialist

installers of all disciplines, the choice of boxes available makes them ideal for use in dozens of applications.

An optional six-way LED indicator board is also available (order code BF360LEDKIT). This can be mounted inside each variant for interfacing to equipment inside the box and relaying key system status information to the user.

The range comprises:-

**BF360BOX 380 x 235 x 90mm (plastic enclosure)**

**BF361BOX 465 x 290 x 103mm (plastic/metal enclosure)**

**BF362BOX 404 x 404 x 110mm (metal enclosure)**

## BF357 DOCUMENT BOX



A light grey (RAL7035) document box ideal for storing important documentation relating to your fire alarm, voice alarm, disabled refuge, nursecall and other life safety systems.

Finished in mild steel, the IP30 rated keyswitch lockable enclosure includes 10 key hooks for the optional storage of panel access keys, etc., and is designed to match the style, colour and finish of virtually all of C-TEC's existing fire alarm and nursecall ranges.

Measuring 450 x 235 x 95mm, it includes two indents for optional customer branding and is typically used for housing the mandatory site specific documentation called for by standards such as BS 5839-1 including log books, instruction manuals, 'as fitted' drawings and certificates in one convenient place.

### BF318 REMOTE LED INDICATOR



A low-cost remote indicator incorporating a red LED. Ideal for indicating the activation of out-of-sight smoke or heat detectors (in lift shafts, hotel bedrooms, etc.) or fire alarm sounder circuits. Three inputs are provided 'OV', '+30V d.c.' and 'LED only'.

If connecting to a current limited source such as a detector the 'OV' and 'LED only' inputs should be used. If connecting to a non-current limited source such as a fire alarm sounder circuit the 'OV' and '+30V d.c.' inputs should be used. Mounts on 16mm UK single gang back boxes.

**CURRENT RATING 'OV' & '+30V MAX': 10mA @ 30V d.c. (Max)**  
**CURRENT RATING 'OV' & '+30V MAX': 1.3mA @ 6V d.c. (Min)**  
**CURRENT RATING 'OV' & 'LED ONLY': dependent on detector used**

### BF376 24V 5A GENERAL PURPOSE RELAY ON A PLATE



A cost-effective double-pole, polarised changeover relay that is capable of switching loads of up to 240V a.c at 5A. Incorporating a red LED which illuminates when the relay is active, the BF376 may be connected to a suitable control panel relay output or a standard polarised sounder circuit to operate door retaining magnets, rollershutter doors, etc\*. Mounts on 25mm UK single gang back boxes.

**INPUT COIL VOLTAGE RANGE: 18 - 30V d.c.**  
**CURRENT CONSUMPTION: typically 30mA @ 24V d.c. (relay active)**  
**CONTACT RATING @ 24V d.c: 5A (resistive) 2A (inductive)**  
**CONTACT RATING @ 240V a.c: 5A (resistive) 2A (inductive)**  
\* Always check this arrangement is acceptable with the approving authority

### BF367 KEYSWITCH OPERATED DEVICE ISOLATOR



A useful isolating device that allows a +24V d.c. output from a fire panel to be temporarily cut-off to prevent external equipment (such as autodiallers, rollershutter doors, etc) from operating. Incorporating an isolating keyswitch and amber LED, the unit helps safeguard against the inadvertent triggering of auxiliary equipment during routine maintenance. If the output controlled is monitored, a fault condition will show at the host panel when the keyswitch is 'ISOLATED'. Mounts on 25mm UK single gang back boxes.

**REQUIRED CURRENT FOR AMBER FAULT LED: 10mA @ 27.6V d.c.**  
**NON-SWITCHING CURRENT RATING: 5A Absolute**  
**MAX. SWITCHING LOAD (RESISTIVE): 3A @ 30V d.c.**  
**MAX. SWITCHING LOAD (INDUCTIVE): 1.5A @ 30V d.c.**

### BF366 24V 5A KEYSWITCH ISOLATABLE RELAY c/w BUZZER



Combines the functions of the BF376 general purpose 5A relay (above) and the BF367 keyswitch operated device isolator (left) in a single unit. Includes a double-pole relay capable of switching loads of up to 240V a.c at 5A and a keyswitch isolation facility that allows the relay operation to be temporarily disabled during routine test and maintenance. Mounts on 25mm UK single gang back boxes.

**CONTACT CONFIGURATION: Double pole changeover**  
**INPUT COIL VOLTAGE RANGE: 17 - 30V d.c.**  
**CURRENT CONSUMPTION: typically 30mA @ 24V d.c. (relay active)**  
**CONTACT RATING @ 24V d.c: 5A (resistive) 2A (inductive);**  
**CONTACT RATING @ 240V a.c: 5A (resistive) 2A (inductive)**

### FF502P FOUR ZONE SOUNDER CIRCUIT EXTENDER



Compatible with most fire alarm panels, the FF502P can be connected to any unpopulated sounder circuit to provide four extra sounder circuits with open and short circuit monitoring, two trigger inputs and one fault output. The four

extra circuits can be set to operate as two pairs and can be triggered separately to provide 'zonal' fire outputs, monitored relay circuits or class change facilities. The fault output trigger can be used to drive external indicators or switch a relay via a transistor. Mounts on 25mm UK double gang back boxes.

**SUPPLY VOLTAGE: 15-30V DC.; Quiescent drain: @27V <5mA**  
**TOTAL OUTPUT CURRENT: to be no greater than 1A.**  
**MAX CURRENT PER CIRCUIT: 400mA.**

### XFP508X/H BS5839-6 HUSH BUTTON



A BS5839-6 compliant fire alarm solution for houses of multiple occupation. Designed to sit on an Apollo or Hochiki analogue addressable loop, each Hush Button has its own conventional detector circuit, conventional sounder circuit

and onboard loop isolator. Provides each flat or apartment with a two-minute silence facility and 15 minute isolate facility (to BS5839-6/12/2), putting occupants firmly in control of their own fire alarm system and providing a level of fault monitoring that is not possible with domestic detectors. Plastic and stainless steel versions are available.

Contact your supplier for a copy of our dedicated Hush Button leaflet.

### BF363 VIBRATING PAD & BF364 WALL MOUNTING SOCKET



A discreet vibrating pillow pad that can be connected (via the BF364 wall mounting socket) to any conventional fire alarm sounder circuit. Typically used to provide early warning of a potential fire alarm condition to the hard of hearing, the unit measures just

97mm diameter, 34mm deep and includes a 2m connection cable. The pad is not designed for continuous use and should not be left running for prolonged periods without being reset. One BF364 wall mounting socket is required per BF363.

**OPERATING VOLTAGE: 24V nominal. 27V max.**  
**OPERATING CURRENT: 120mA nominal. 160mA max.**  
**DIMENSIONS: 97mm diameter, 34mm thick.**

### BF375P 24V 250mA UNREGULATED DOOR RELEASE PSU



A compact double gang power supply providing a continuous output of 24V 250mA d.c. Ideal for locating alongside fire doors requiring door retaining magnets, three trigger methods are available -

'trigger', 'hold off' and manual button. Once triggered, the PSU's output voltage is removed causing any door release magnets connected to it to de-energise. The BF375P is also available as part of the BF375PK door retainer and PSU kit. Mounts on 25mm UK double gang back boxes.

**SUPPLY IN: 230V a.c. ±10% @50/60 Hz; Max Current: 45mA**  
**SUPPLY OUT: 21-28V d.c. 250mA; Max. Retainers: 5 @ 50mA**

## ORDER CODES

BF318	<b>REMOTE LED INDICATOR, SUPPLIED ON A SINGLE GANG PLATE</b> Ideal for connecting to hidden or out of sight detectors or directly to a sounder circuit
BF376	<b>24V 5A RELAY ON A PLATE, SUPPLIED ON A SINGLE GANG PLATE</b> Ideal for operating door retaining magnets, rollershutter doors & other ancillary devices
BF367	<b>KEYSWITCH OPERATED DEVICE ISOLATOR, SUPPLIED ON A SINGLE GANG PLATE</b> Allows a 24V d.c. output from a fire panel to be remotely isolated
BF366	<b>24V 5A ISOLATABLE RELAY ON A PLATE C/W BUZZER, SUPPLIED ON A SINGLE GANG PLATE</b> Combines the functions of the BF376 5A relay and BF367 device isolator in one unit
FF502P	<b>FOUR ZONE MONITORED SOUNDER EXTENDER, SUPPLIED ON A DOUBLE GANG PLATE</b> Provides 4 extra sounder circuits with o/c & s/c monitoring, 2 trigger inputs, 1 fault output
BF363	<b>VIBRATING PILLOW PAD C/W LOCKING JACK PLUG AND 2M LEAD (REQUIRES 1 X BF364)</b> Designed for use under pillows to warn the hard of hearing of a fire condition
BF364	<b>WALL-MOUNTING SINGLE GANG JACK SOCKET FOR BF363</b> Can be connected to a standard 24V (max 27V) fire alarm sounder circuit
XFP508X	<b>BS5839-6 HUSH BUTTON (APOLLO PROTOCOL), SUPPLIED ON A DOUBLE GANG PLATE</b> Interfaces to an Apollo XP95 analogue loop to provide a 2 minute silence facility to BS 5839-6 inside individual flats or apartments
XFP508X/SS	<b>BS5839-6 STAINLESS STEEL HUSH BUTTON (APOLLO PROTOCOL), SUPPLIED ON A DOUBLE GANG PLATE</b>
XFP508H	<b>BS5839-6 HUSH BUTTON (HOCHIKI PROTOCOL), SUPPLIED ON A DOUBLE GANG PLATE</b> Interfaces to an Hochiki analogue loop to provide a 2 minute silence facility to BS 5839-6 inside individual flats or apartments
XFP508H/SS	<b>BS5839-6 STAINLESS STEEL HUSH BUTTON (HOCHIKI PROTOCOL), SUPPLIED ON A DOUBLE GANG PLATE</b>
BF375P	<b>24V 250MA UNREGULATED DOOR RELEASE PSU, SUPPLIED ON A DOUBLE GANG PLATE</b>
BF375PK	<b>24V 250MA UNREGULATED DOOR RELEASE PSU KIT, INCLUDES PSU &amp; 1 X ELECTROMAGNETIC RETAINER</b>
BF360BOX	<b>ANCILLARY EQUIPMENT BOX, PLASTIC (EXTERNAL SIZE W 380 X H 235 X D 90 MM)</b>
BF361BOX	<b>ANCILLARY EQUIPMENT BOX, PLASTIC/METAL (EXTERNAL SIZE W 465 X H 290 X D103 MM)</b>
BF362BOX	<b>ANCILLARY EQUIPMENT BOX, METAL (EXTERNAL SIZE W 404 X H 404 X D 110 MM)</b>
BF360LEDKIT	<b>6-WAY STATUS LED KIT FOR BF360BOX, BF361BOX OR BF362BOX</b>
BF357	<b>DOCUMENT BOX (EXTERNAL SIZE W 450 X H 345 X D 95MM)</b>
NCP-8	<b>WHITE 35MM FLUSH MOUNT UK SINGLE GANG BACK BOX</b>
NCP-9	<b>WHITE 25MM SURFACE MOUNT UK SINGLE GANG BACK BOX</b>
NCP-10	<b>WHITE 35MM FLUSH MOUNT UK DOUBLE GANG BACK BOX</b>
NCP-11	<b>WHITE 25MM SURFACE MOUNT UK DOUBLE GANG BACK BOX</b>

## ALSO AVAILABLE FROM C-TEC



A RANGE OF EN54-4/A2 COMPLIANT SWITCH MODE POWER SUPPLY UNITS contact our sales desk for details



Quality System Certificate No: 176  
Assessed to ISO9001 : 2008



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