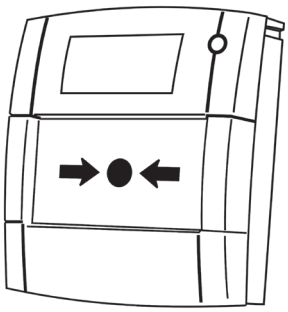
Product Leaflet

6000/MCP



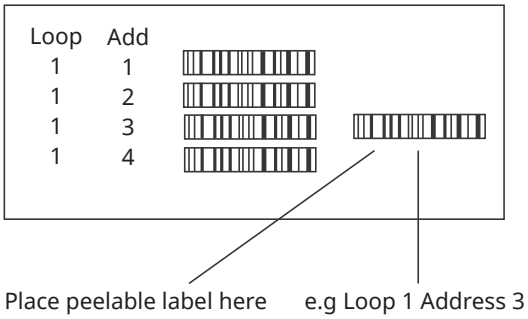
The Protec 6000 Manual Call Point (MCP), in the red colour, is an approved device to EN54-11. The device is suitable for indoor use only and has built in LED indication illuminated under panel control. The device has an internal integrated loop isolator. The MCPs in alternative colours are not approved to EN54-11 (models listed on the bottom of this page).
Note: This DEL should also be used for the 6000/MCP/EXP and 6000/MCP/NL

Commissioning

1 Each 6000 device has a unique serial number which will be used as part of the commissioning of the fire alarm system. It is necessary to remove one of the 'peelable' bar code labels present on the product and place it in the commissioning booklet supplied with each Protec addressable control panel. The bar code sticker should be placed at the relevant loop and address position intended for the device. It is important that serial numbers are not mixed, otherwise the addressing of the 6000 device will be incorrect when commissioned.

2 Commission the device onto the system as detailed in the installation and commissioning manual for the fire alarm panel being used.

Commissioning Booklet



Installation Parameters

1 Ensure tests are carried out on the cabling using a 500V dc insulation tester (Megger®). The readings between each cable core, and each core and earth (screen) should be greater than 10MΩ. Ensure that all cabling is completely discharged before connecting to the 6000 device.

2 Fit the relevant backbox to the wall.

3 Terminate the cables into the backbox and connect them as shown in Fig 1, ensuring that earth continuity is maintained.

4 Carry out the commissioning procedure as described in the next section.

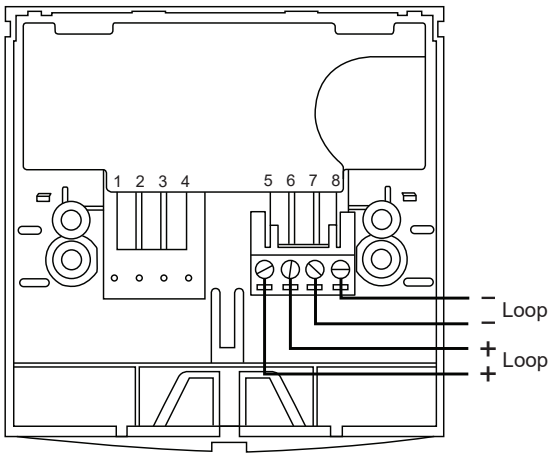
5 Secure the manual call point to the backbox, taking care not to over tighten screws.

Models with alternative colour to red, or with key switch, are not compliant to EN54-11:
6000/MCP/WH
6000/MCP/YL
6000/MCP/KS

Wiring Diagram

Figure 1

Note: Only one of the terminal blocks may be fitted.



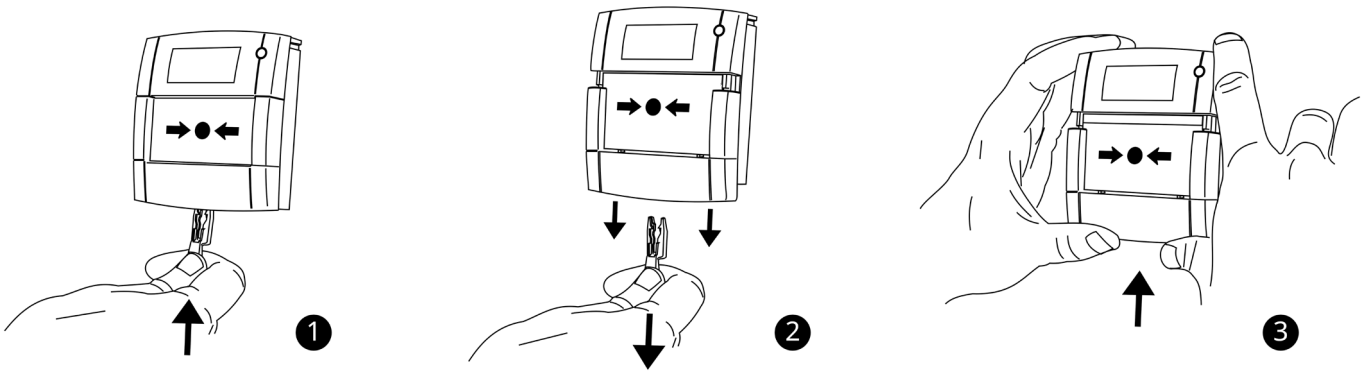
To Test or Reset

1 After pressing the non frangible element, insert the MCP reset key into the pictured recess in Figure 2.

2 Remove the reset key from the MCP, the base plate will now disengage.

3 Push the base plate back in to position. The device has now been reset.

Figure 2



To Replace Element

1 Insert the MCP Reset Key firmly into the pictured recess until it clicks.

2 Remove the key from the MCP, the base plate will now disengage.

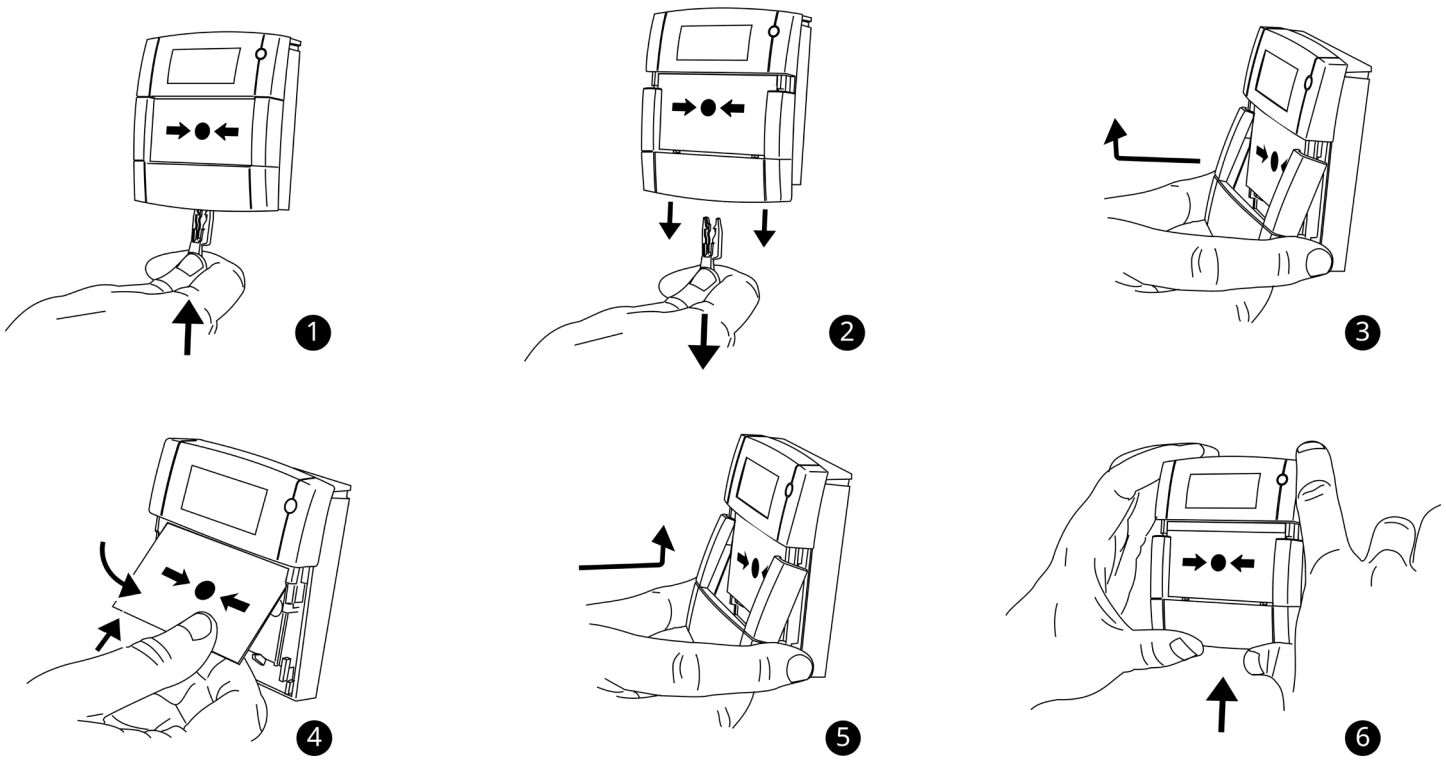
3 Slide the base plate down to remove from the device completely. Pull the bottom edge of the non frangible element to remove it from the device.

4 Push the replacement element into the notch at the top and secure into the clip at the bottom.

5 Replace the front panel by engaging with the side channels.

6 Slide up until the front panel clicks into place.

Figure 3



Technical Specification

Electrical Specification		
Loop protocol	6000/6000PLUS	
Loop isolator fitted	Yes, on board (refer to DEL2110 for details)	
Loop operating Voltage range	18 V to 28 V dc peak loop	
Number of loop addresses used	1	
Loop quiescent current (24V average)	500 µA	
Loop current (LED illuminated)	4.0 mA	
Cable type and characteristics	Refer to control panel 'Installation and Commissioning Manual'	
Environmental Specification	**6000/MCP**	**6000/MCP/KS**
Operating/storage temperature range	-10 to 50 °C (no condensation or icing)	-20 to 55 °C (no condensation or icing)
Humidity	Up to 95% relative humidity (no condensation or icing)	
Mechanical Specification	**6000/MCP**	**6000/MCP/KS**
Dimensions	93mm (H) x 88mm (W) x 25mm (D)	87mm (H) x 87mm (W) x 32mm (D)
Indications	On-board red indicating LED	N/A
Replacement non frangible element	N 29-799-97	N/A
Ingress protection	IP20	IP24
Weight	0.085 kg	0.166 kg

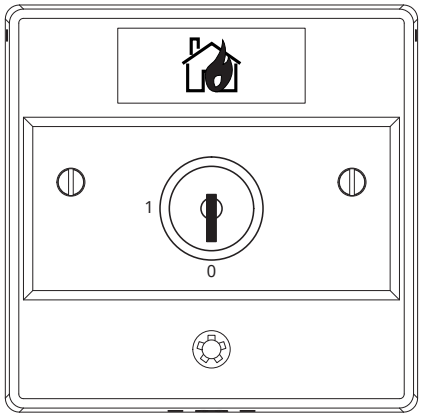
To Test or Reset (Key Switch Model)

1 Insert the MCP key into the keyslot illustrated in Figure 4.

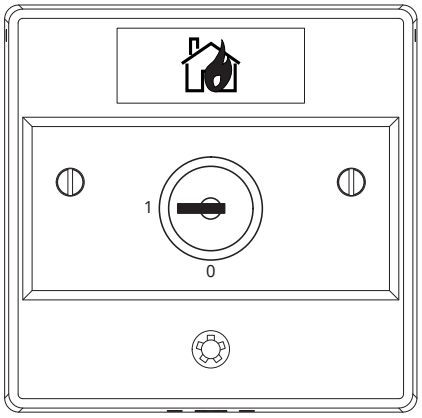
2 To activate, turn the key to the On (1) position.

3 To reset, turn the key to the Off (0) position, then reset the control panel.

Figure 4



Key Switch Off position



Key Switch On position

Maintenance

No regular device maintenance is required (e.g. cleaning).
Please refer to panel manual for system testing requirements.

CE

0905

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Protec House, Churchill Way, Nelson,
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PFD-CPR-0018

Type A manual call point c/w isolator

BS EN 54-11:2001+A1:2005, BS EN 54-17:2005	BS EN 54-17:2005
6000/MCP 6000/MCP/NL 6000/MCP/EXP 6000/MCP/HMP 6000/MCP/FIN	6000/MCP/KS 6000/MCP/WH 6000/MCP/YL

Technical data see this document

UKCA

0359

Protec Fire Detection PLC,
Protec House, Churchill Way, Nelson,
Lancashire, BB9 6RT, United Kingdom

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PFD-UKCA-0018

Type A manual call point c/w isolator

BS EN 54-11:2001+A1:2005, BS EN 54-17:2005	BS EN 54-17:2005
6000/MCP 6000/MCP/NL 6000/MCP/EXP 6000/MCP/HMP 6000/MCP/FIN	6000/MCP/KS 6000/MCP/WH 6000/MCP/YL

Technical data see this document

Independently tested
Intertek
18LHK1229

The word Megger is a registered trademark.

Refer to DEL2207 Safety and Regulatory Information (6000 Devices) ⚠

Protec Fire Detection PLC
Protec House, Churchill Way
Nelson, Lancashire
BB9 6RT, United Kingdom

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