

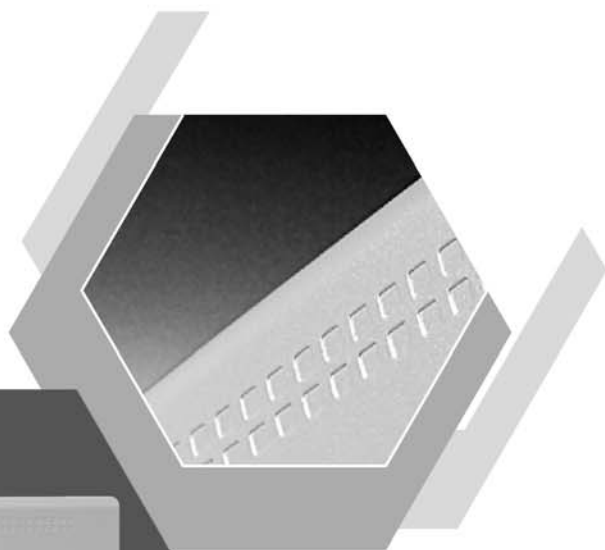
Sigma XT

Extinguishant Control Panel

(K11031M2, K11031F2)

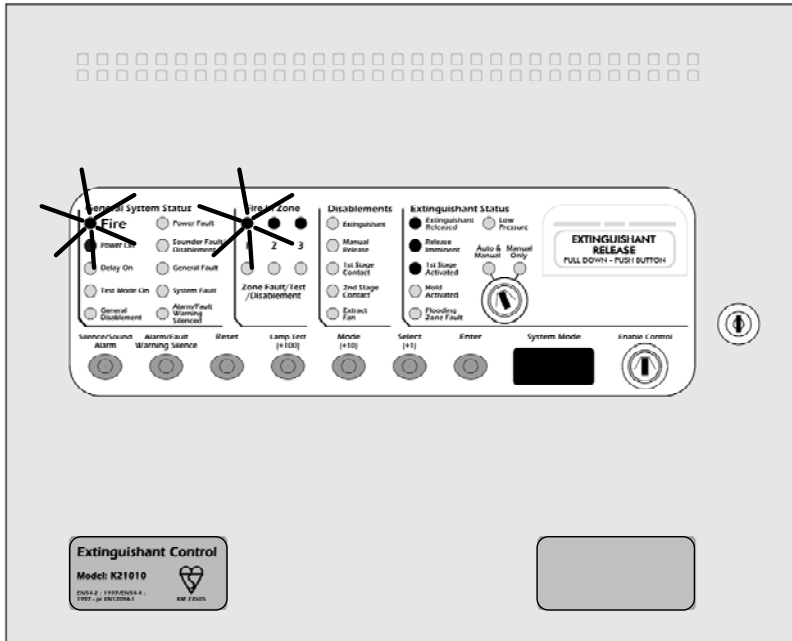
User Manual

Man-1091 Issue 04 June 2013



Fire alarm condition

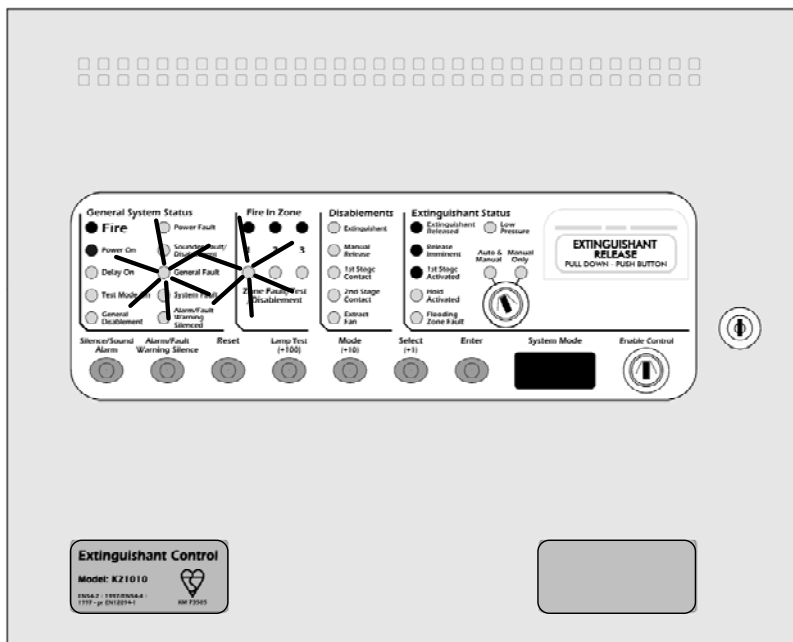
General fire indicator lights and zonal fire indicators flash. Buzzer sounds urgently.



Carry out fire procedure.

Fault condition

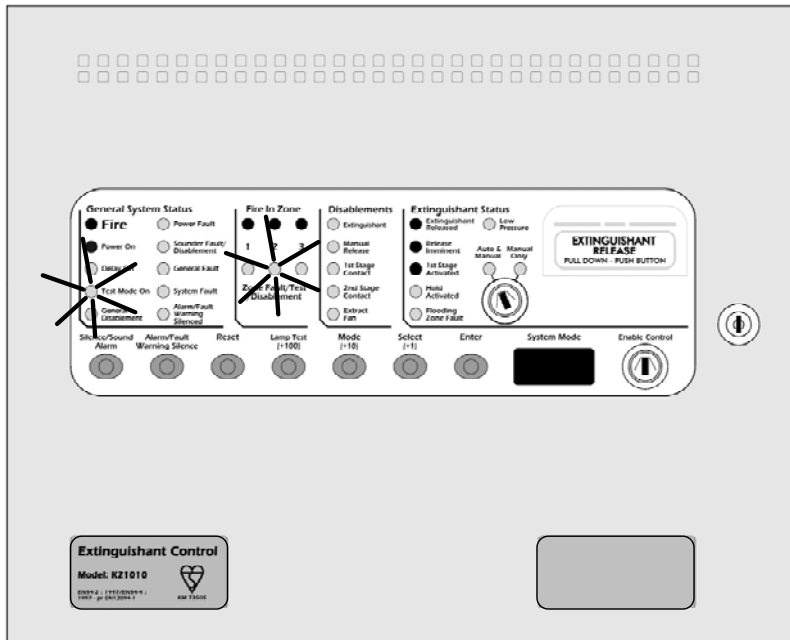
General fault indicator lights and specific fault indicators flash. Buzzer sounds continuously.



Call maintenance engineer.

Disabled condition

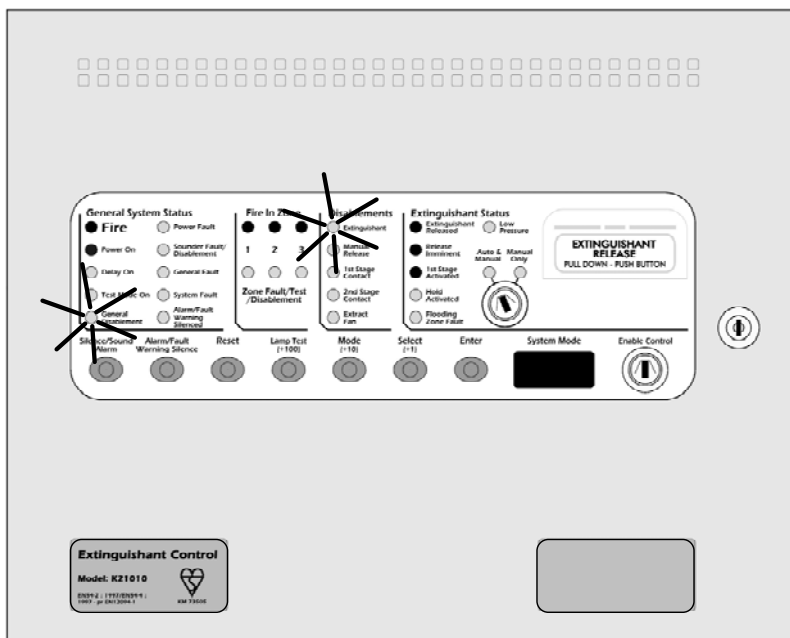
General disablement indicator and specific fault indicator lit continuously.



Maintain vigilance during disablement conditions.

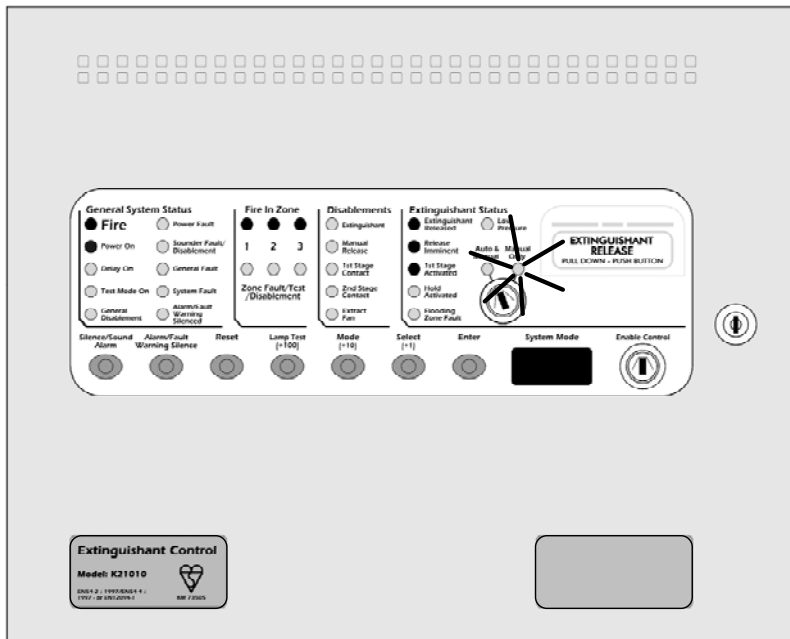
Test condition

Test indicator and specific fault indicator lit continuously.



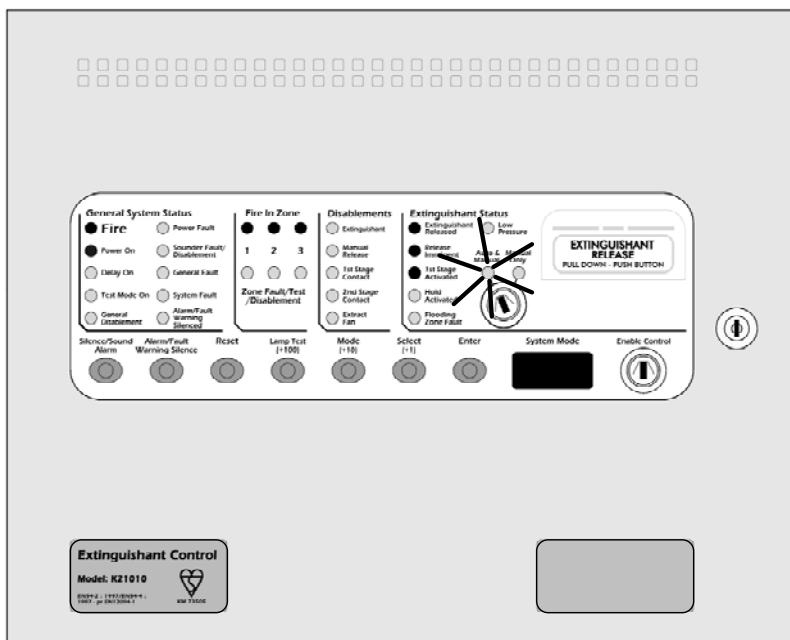
Ensure system is returned to normal when testing is finished.

Manual only mode
Manual only indicator lit



Extinguishant will not be released by automatic detection.

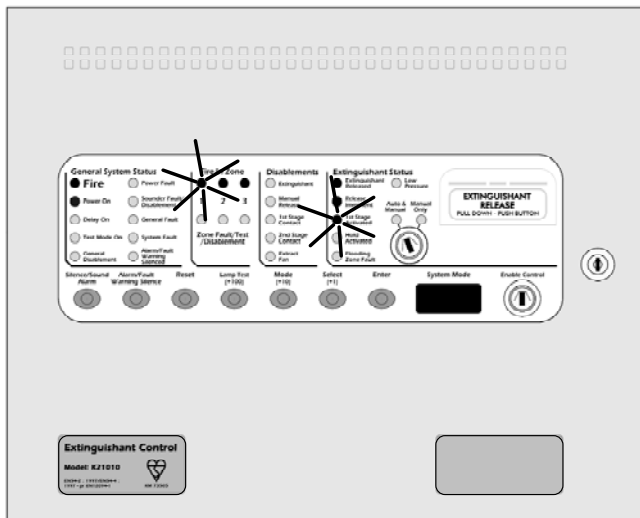
Automatic and Manual mode
Automatic and Manual indicator lit



Extinguishant will be released by automatic detection.

1st Stage activated

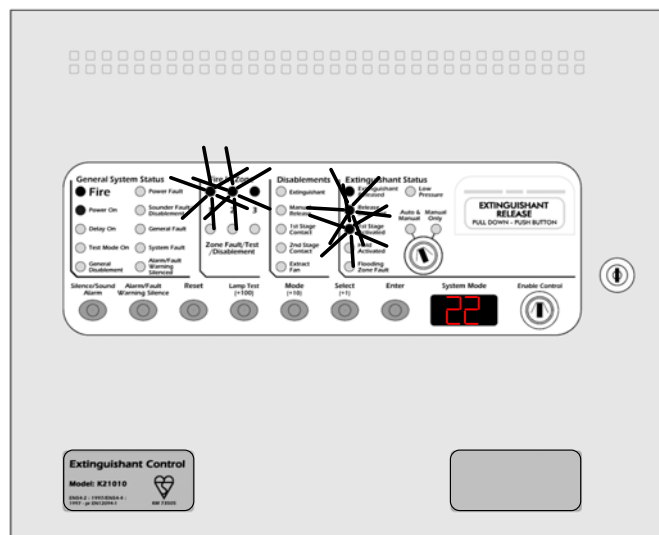
Normally accompanied by a zonal fire indicator. If no zonal fire indicator and Release imminent indicator is lit then a manual release button has been activated.



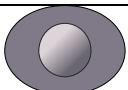
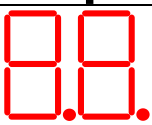
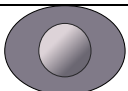

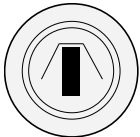
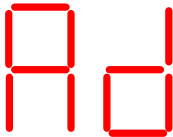
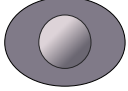

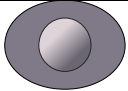

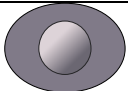
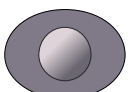
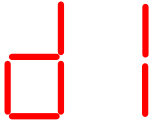
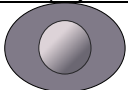
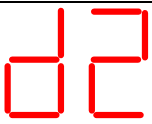
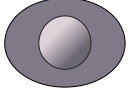
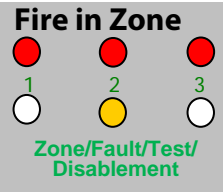
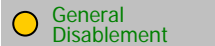
1st stage of automatic release of extinguishant has started.

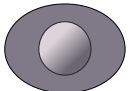

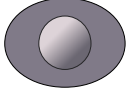
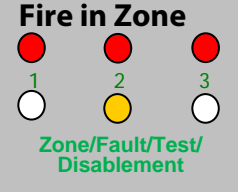

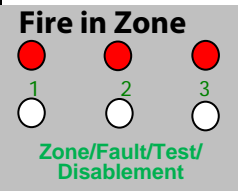
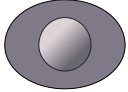
Release Imminent

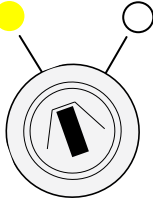
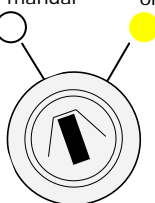
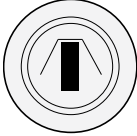
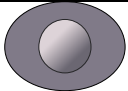
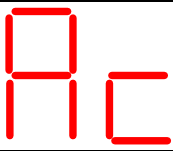
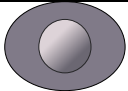
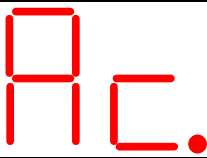

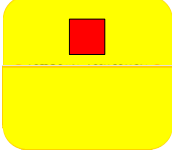
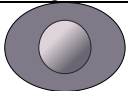
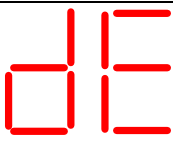
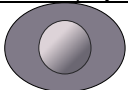
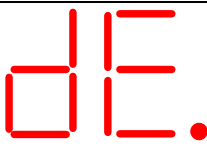
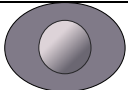
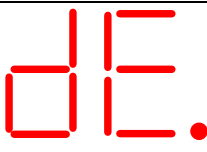
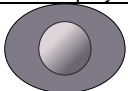
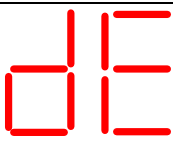
Always accompanied by 1st stage activated indicator. Normally accompanied by more than one zonal fire indicator. Countdown timer to extinguishant release has started. Time remaining before release indicated in seconds on seven segment display. If no zone fire LEDs lit then release is by manual unit.

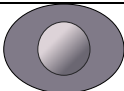
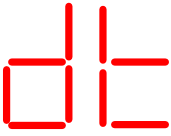
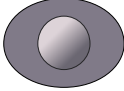
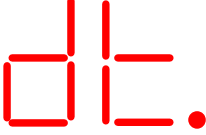
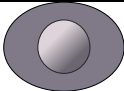
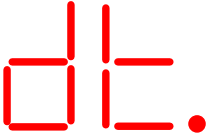
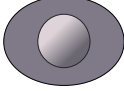
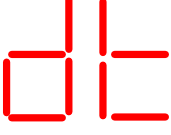
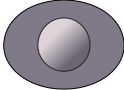
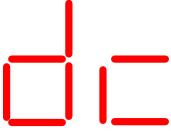
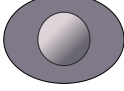
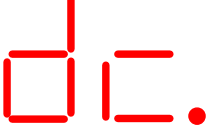
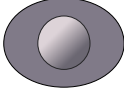
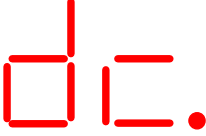
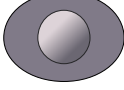
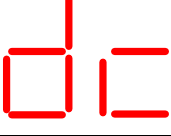
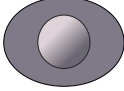
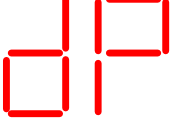
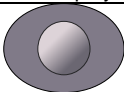
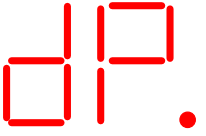


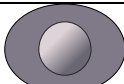
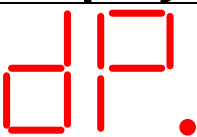
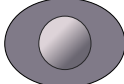

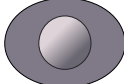

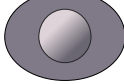
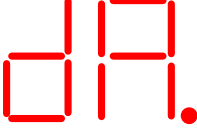
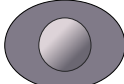
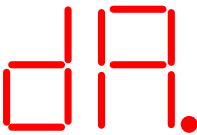
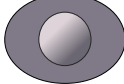

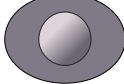
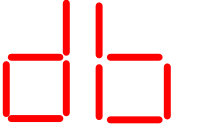
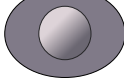
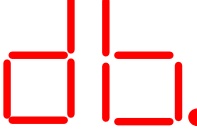
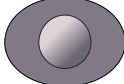
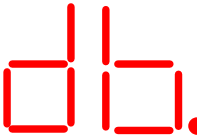
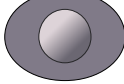
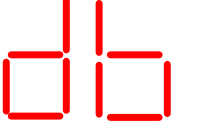
Extinguishant will be released when timer reaches zero, display will show EEE during extinguishant release.

| How To | Do This | Display | Comments |
|-----------------------|--|---|---|
| Test lamps |  <p>Lamp test Press button</p> |  <p>All lamps on</p> | Buzzer sounds whilst button is pressed |
| Silence buzzer |  <p>Alarm/Fault warning silence Press button</p> |  | |
| Enable buttons |  <p>Enable control Insert key and turn</p> |  | Buzzer beeps twice every seven seconds |
| Silence alarms |  <p>Silence/Sound Alarm Press button</p> |  | |
| Sound alarms |  <p>Silence/Sound Alarm Press button</p> |  | Buzzer beeps urgently |
| Reset |  <p>Reset Press button</p> | All fault indicators flash for 3 seconds | Resets fire detection system. Extinguishant system will reset only after the extinguishant has been released |
| Disable a zone step 1 |  <p>Mode Press button till d1 displayed</p> |  <p>First display</p> | |
| Disable a zone step 2 |  <p>Select Press button to scroll zones</p> |  <p>Zone 2</p> | |
| Disable a zone step 3 |  <p>Enter Press button</p> |  <p>Zone 2 fault LED lit</p> |  <p>Dot flashes when disabled</p> |
| How To | Do This | Display | Comments |

| | | | |
|--|---|--|---|
| <p>Put a zone into test mode step 1</p> |  <p>Mode Press button till t1 displayed</p> |  <p>First display</p> | |
| <p>Put a zone into test mode step 2</p> |  <p>Select Press button to scroll zones</p> |  <p>Zone 2</p> | |
| <p>Put a zone into test mode step 3</p> |  <p>Enter Press button</p> | <p>Fire in Zone</p>  <p>Zone 2 fault LED lit</p> |   <p>Dot flashes when disabled</p> |
| <p>Enable a zone step 1</p> |  <p>Mode Press button till d1 displayed</p> |  <p>First display</p> | |
| <p>Enable a zone step 2</p> |  <p>Select Press button to scroll zones</p> |  <p>Zone 2</p> | <p>Disabled zones will have flashing dot.</p> |
| <p>Enable a zone step 3</p> |  <p>Enter Press button</p> | <p>Fire in Zone</p>  <p>Zone fault LED off</p> |  <p>Dot stops flashing when enabled</p> |
| <p>Exit test mode step 1</p> |  <p>Mode Press button</p> |  <p>First display</p> | |
| <p>Exit test mode step 2</p> |  <p>Select Press to scroll zones</p> |  <p>Zone 2</p> | <p>Zones in test mode will have flashing dot</p> |
| <p>Exit test mode step 3</p> |  <p>Enter Press button</p> | <p>Fire in Zone</p>  <p>Zone 1 fault LED off</p> |  <p>Dot stops flashing when test mode exited</p> |

| How To | Do This | Display | Comments |
|--|---|--|--|
| <p>Change from Manual only to Automatic and Manual and vice versa</p> | <p>Automatic and manual Manual only</p>  <p>Insert key and turn</p> | <p>Automatic and manual Manual only</p>  | |
| <p>Start Extract fan</p> | <p>Enable control</p>  <p>Insert key and turn</p> | | |
| <p>Press Mode button till Ac appears in display</p> |  <p>Enter Press button</p> |  | |
| <p>Press Enter button again to turn extract fan on</p> <p>Press Enter button again to turn extract fan off</p> |  <p>Enter Press button</p> |  | <p>Dot flashes to indicate extract active.</p> <p>Dot stops flashing to indicate extractive inactive</p> |
| <p>Manually release the extinguishant</p> <p>CAUTION</p> |  <p>Pull down flap and press button to release extinguishant</p> |  | <p>Extinguishant will release after time displayed in seconds on the countdown timer</p> |
| <p>Disable extinguishant control step 1</p> |  <p>Mode Press mode button till dE is displayed</p> |  | |
| <p>Disable extinguishant control step 2</p> |  <p>Enter Press button</p> |  | <p>Dot flashes to indicate extinguishant control is disabled</p> |
| <p>Enable extinguishant control step 1</p> |  <p>Mode Press mode button till dE is displayed</p> |  | <p>Flashing dot indicates extinguishant control disabled</p> |
| <p>Enable extinguishant control step 2</p> |  <p>Enter Press button</p> |  | <p>Dot stops flashing to indicate extinguishant control enabled</p> |

| How To | Do This | Display | Comments |
|---|--|---|--|
| Disable manual release step 1 |  Mode Press mode button till dt is displayed |  | |
| Disable manual release step 1 |  Enter Press button |  | Dot flashes to indicate Manual release is disabled |
| Enable Manual release step 1 |  Mode Press mode button till dt is displayed |  | Flashing dot indicates Manual release disabled |
| Enable Manual release step 2 |  Enter Press button |  | Dot stops flashing to indicate Manual release enabled |
| Disable extract fan step 1 |  Mode Press mode button till dc is displayed |  | |
| Disable extract fan step 2 |  Enter Press button |  | Dot flashes to indicate Extract fan is disabled |
| Enable extract fan step 1 |  Mode Press mode button till dc is displayed |  | Flashing dot indicates extract fan disabled |
| Enable extract fan step 2 |  Enter Press button |  | Dot stops flashing to indicate Extract fan enabled |
| Disable first stage relay output step 1 |  Mode Press mode button till dP is displayed |  | |
| Disable first stage relay output step 2 |  Enter Press button |  | Dot flashes to indicate first stage relay output is disabled |

| How To | Do This | Display | Comments |
|--|--|---|--|
| Enable first stage relay output step 1 |  Mode Press mode button till dP is displayed |  | Flashing dot indicates first stage relay output disabled |
| Enable first stage relay output step 2 |  Enter Press button |  | Dot stops flashing to indicate first stage relay output enabled |
| Disable second stage relay output step 1 |  Mode Press mode button till dA is displayed |  | |
| Disable second stage relay output step 2 |  Enter Press button |  | Dot flashes to indicate second stage relay output is disabled |
| Enable second stage relay output step 1 |  Mode Press mode button till dP is displayed |  | Flashing dot indicates second stage relay output disabled |
| Enable second stage relay output step 2 |  Enter Press button |  | Dot stops flashing to indicate second stage relay output enabled |
| Disable first stage sounders step 1 |  Mode Press mode button till db is displayed |  | |
| Disable first stage sounders step 1 |  Enter Press button |  | Dot flashes to indicate first stage sounders are disabled |
| Enable first stage sounders step 1 |  Mode Press mode button till db is displayed |  | Flashing dot indicates first stage sounders disabled |
| Enable first stage sounders step 2 |  Enter Press button |  | Dot stops flashing to indicate first stage sounders enabled |