

1 Introduction

Software version 4.37 introduces Module Reset Mode. This enhancement affects two options:


- a. The bad poll log. The information in this document replaces that contained in Section 12.2 or 12.3 of the Panel Configuration Manual.
- b. The loop options panel settings. The information in this document is additional to that contained in Section 11.8 of the Panel Configuration Manual.

1.1 Loop Options

Add the following options:

- 1 Module Reset Mode. This allows a number of events to be set, within a 24hr period, whereby power is momentarily removed from the loops to perform a reset of the loop devices. The mode is disabled by default (set to 0). Any value above 0 enables the mode; it is strongly recommended that this option be set to no greater than 4. This option should only be set in consultation with Technical Support.

```
Panel Settings
Module Reset Mode Options
Max. no. of operations per 24 hours
(0-63; 0=disable option): 0
```



EN54-2: 7.1.3
Setting Module Reset Mode above 0 may result, in exceptional cases, in the time to indication of a fire alarm condition exceeding 10s.

Note: The following options are only displayed if Module Reset Mode is enabled. It is recommended that these settings are not changed from their defaults without first seeking advice from the manufacturer.

```
Panel Settings
Module Reset Mode Options
Max. no. of operations per 24 hours
(0-63; 0=disable option): 1
Duration of 0 Volts Reset:
(seconds: 1-30): 7
```

```
Panel Settings
(0-63; 0=disable option): 1
Duration of 0 Volts Reset:
(seconds: 1-30): 7
Duration of fault hold-off period:
(seconds: 1-60): 20
```

```
Panel Settings
Duration of fault hold-off period:
(seconds: 1-60): 20
Duration of unconditional fault
monitoring period after Module Reset:
(seconds: 1-120): 30
```

- 2 This defines the length of time that the loop is switched to zero volts when restarting modules.
- 3 This defines the length of time, following restoration of power to the loop and resumption of polling, that module faults are ignored awaiting recovery of modules.
- 4 This defines the length of time, following the second period, that any observed missing modules are regarded as genuine faults without any second recovery being attempted.

1.2 Bad Poll Log

Replace with new description below:

Access level 3A.

Note: On network (not Master/Slave) a panel selection menu is first displayed. If the selected panel is off-line, a COMMS LOSS message is displayed.

The first display identifies the number of bad polls for each loop. The arrows allow selection of bad poll logs for other panels. If there are no faults, all indications will show '0'.

Use the right arrow to display the number of Module Reset Mode (**Section 1.1**) operations per loop since the last time the counters were reset (or the panel was powered on). It does not show the number of times in the current day. If a reset operation is currently in progress, the counter is not incremented until the operation is complete, nor is it incremented if the operation fails (i.e. a missing module remains missing).

Press the tick button to display the RESET COUNTERS prompt. This option clears the Loop Polls and Module Reset Mode counts.

If the Module Reset Mode Operations display is present and NO is chosen in response to the RESET COUNTERS option, **and** if modules remain missing, the option to perform a manual Module Reset Mode operation is provided. This operates only on the selected panel, and on **all** loops of that panel that have missing modules. It is not included in the daily maximum configured in the panel settings, and can be selected even if Module Reset Mode is disabled in these settings.

```
Log/display/print menu
▲ 2:Print device data
 3:Display/print event log
 4:Printer Control
▼ 5:Display bad poll log
\Service/ Mon 01-May-2000 11:20:07
```

```
BAD POLL LOG PANEL 13 ◆
▶ Loop polls:
L1:0 L2:0 L3:103 L4:13
L5:0 L6:210
\Fault/Service/ Wed 25-Jul-2007 11:20:07
```

```
BAD POLL LOG PANEL 13 ◆
▶ Module Reset Mode Operations:
L1:0 L2:0 L3:1 L4:0
L5:0 L6:0
\Fault/Service/ Wed 25-Jul-2007 11:20:07
```

```
BAD POLL LOG PANEL 13 ◆
▶ Module Reset Mode Operations:
L1:0 L2:0 L3:1 L4:0
L5:0 L6:0
RESET COUNTERS (✓/X)?
\Fault/Service/ Wed 25-Jul-2007 11:20:07
```

```
BAD POLL LOG PANEL 13 ◆
▶ Module Reset Mode Operations:
L1:0 L2:0 L3:1 L4:0
L5:0 L6:0
Apply Module Reset Mode NOW (✓/X)?
\Fault/Service/ Wed 25-Jul-2007 11:20:07
```