

Notification Compatibility Document



St. Louis, MO
(866) 956-0988
www.pottersignal.com

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Potter Electric Signal Company, LLC
St. Louis, MO • (866) 956-0988

How to Use this Document

As required in ANSI/UL Standard 864, notification circuits that supply synchronized strobe power must show compatibility with particular devices. In addition, the total number of devices per circuit must be included.

Below is the list of Potter Fire Alarm Control Panels that are UL Listed. The letter next to the column correlates to a specific Fire Alarm Panel and amount of power.

The following pages contain tables of notification devices by various manufactures. In order to determine the maximum number of devices that can be connected:

1. Use the Panel Key below to determine the column letter that corresponds to the Panel being used:

Panel Key

| Panel | Column | Amps per Load |
|---|--------------|---------------|
| PFC-4410RC Releasing Panel Family (VFR-400, SRX, JFS-C1) | A | 1 |
| PFC-5004E Expandable Fire Alarm Control Panel | B | 1.5 |
| PFC-5008 Fire Alarm Control Panel | | |
| PFC-8060 Fire Alarm Control Panel | | |
| PFC-8500 Fire Alarm Control Panel | | |
| PFC-9000 Addressable Fire Alarm Panel | | |
| SOM-4 Supervised Output Module | C | 2 |
| MOM-4 Monitored Output Module | | |
| PAD100-NAC Notification Appliance Circuit | | |
| PSN Series Power Supplies | D | 3 |
| SMD 10-3A Potter/AMSECO Synchronization Module | | |
| PFC-6030, PFC-6075, PFC-6075R, PFC-6200, PFC-6800, PFC-6500(R), P100-P400R Addressable Fire Panel, IPA Addressable Panels, AFC and ARC Addressable Panels, JFS Addressable Panels | NAC Circuits | 3 |
| | I/O Circuits | A |
| PFC-6006 Sprinkler Monitoring Panel | E | 0.5 |
| PFC-4064 Conventional Fire Alarm Panel | D | 3 |
| PFC-4410G3 | D | 3 |

2. Go to the page that correlates to the Manufacturer of the horn, strobe, chime, bell, or device that will be connected to the Panel, and find the specific row for the device:

| Manufacturer | Page |
|-----------------|------|
| AMSECO | 4 |
| Potter/Gentex | 5 |
| Cooper/Wheelock | 6-7 |
| System Sensor | 8 |

3. Use the column from Step 1, and the device row from Step 2, find the corresponding number of devices per circuit that can be connected.

AMSECO

| Model | Type | A | B | C | D | E |
|---------------|--------------|---|----|----|-----|----|
| | | <i>Number of Devices. Refer to the Panel Key.</i> | | | | |
| H-1224 | Horn | 10 | 16 | 21 | 31 | 5 |
| HP-25T | Horn | 36 | 55 | 74 | 111 | 18 |
| SL-1224 | Strobe | 16 | 26 | 33 | 49 | 8 |
| SL-1224-WP | Strobe | 7 | 11 | 15 | 22 | 3 |
| CSL-1224W * | Strobe | 7 | 11 | 15 | 22 | 3 |
| SL-24H | Strobe | 6 | 9 | 13 | 19 | 3 |
| SL-24H-WP | Strobe | 6 | 9 | 13 | 19 | 3 |
| SL24C-3075110 | Strobe | 8 | 12 | 17 | 25 | 4 |
| SL24C-177 | Strobe | 2 | 4 | 5 | 7 | 1 |
| CSL-24C * | Strobe | 6 | 9 | 12 | 18 | 3 |
| SH-1224 | Strobe/Horn | 12 | 19 | 26 | 39 | 6 |
| SH-1224-WP | Strobe/Horn | 6 | 9 | 12 | 18 | 3 |
| CSH-1224-W * | Strobe/Horn | 6 | 9 | 12 | 18 | 3 |
| SH-24H | Strobe/Horn | 4 | 7 | 9 | 13 | 2 |
| SH-24H-WP | Strobe/Horn | 4 | 7 | 9 | 13 | 2 |
| SH24C-3075110 | Strobe/Horn | 3 | 5 | 7 | 10 | 1 |
| SH24C-177 | Strobe/Horn | 2 | 3 | 4 | 6 | 1 |
| CM24C | Chime | 24 | 36 | 48 | 72 | 12 |
| SCM24-3075110 | Strobe/Chime | 6 | 10 | 13 | 19 | 3 |
| SB24-1530 | Strobe | 15 | 23 | 31 | 46 | 7 |
| SB-75110 | Strobe | 6 | 10 | 14 | 21 | 3 |
| SC24-30750110 | Strobe | 15 | 23 | 31 | 46 | 7 |
| SLB24-75 | Strobe | 6 | 9 | 12 | 18 | 3 |
| CSLB24 * | Strobe | 6 | 9 | 12 | 18 | 3 |
| SHB24-75 | Strobe | 4 | 7 | 10 | 15 | 2 |
| CSHB24 * | Strobe | 4 | 7 | 10 | 15 | 2 |
| MBA Bell | Bell | 16 | 24 | 32 | 48 | 8 |
| SMD10-3A | Sync Module | 1 | 1 | 1 | 1 | 1 |

* Not for evacuation

Potter/Gentex

| Model | Type | A | B | C | D | E |
|-------------|-------------|---|----|-----|-----|----|
| | | <i>Number of Devices. Refer to the Panel Key.</i> | | | | |
| S-24W | Strobe | 12 | 19 | 25 | 37 | 6 |
| HS-24W | Strobe/Horn | 9 | 14 | 18 | 27 | 4 |
| CS-24R | Strobe | 8 | 12 | 16 | 24 | 4 |
| CHS-24R | Strobe/Horn | 6 | 10 | 13 | 19 | 3 |
| CCS-24AR | Strobe | 8 | 12 | 16 | 24 | 4 |
| CCHS-24AR* | Strobe/Horn | 6 | 10 | 13 | 19 | 3 |
| EH-24R | Horn | 35 | 53 | 71 | 106 | 17 |
| MHT-1224R | Horn | 55 | 83 | 111 | 116 | 27 |
| WGES24-75WR | Strobe | 5 | 8 | 11 | 16 | 2 |
| WGEC24-75WR | Strobe/Horn | 4 | 7 | 9 | 13 | 2 |
| CS-24WAR | Strobe | 5 | 8 | 11 | 16 | 2 |
| CHS-24AR | Strobe/Horn | 4 | 7 | 9 | 13 | 2 |
| LFH | Sounder | 10 | 15 | 20 | 30 | 5 |
| LFHS | Strobe/Horn | 8 | 12 | 16 | 24 | 4 |

* Not for evacuation

Gentex

| Model | Type | A | B | C | D | E |
|-----------------------|-------------|---|----|-----|-----|----|
| | | <i>Number of Devices. Refer to the Panel Key.</i> | | | | |
| GES3-24 | Strobe | 12 | 19 | 25 | 37 | 6 |
| GEC3-24 | Strobe/Horn | 9 | 14 | 18 | 27 | 4 |
| GCS | Strobe | 8 | 12 | 16 | 24 | 4 |
| GCC | Strobe/Horn | 6 | 10 | 13 | 19 | 3 |
| GCS Colored Strobe * | Strobe | 8 | 12 | 16 | 24 | 4 |
| GCC Colored Combo * | Strobe/Horn | 6 | 10 | 13 | 19 | 3 |
| GEC | Strobe/Horn | 9 | 14 | 18 | 27 | 4 |
| GEC Colored Lens * | Strobe/Horn | 9 | 14 | 18 | 27 | 4 |
| GES | Strobe | 12 | 19 | 25 | 37 | 6 |
| GES Colored Lens * | Strobe | 12 | 19 | 25 | 37 | 6 |
| GEH | Horn | 35 | 53 | 71 | 106 | 17 |
| GX93 | Horn | 55 | 83 | 111 | 166 | 27 |
| WGES24 | Strobe | 5 | 8 | 11 | 16 | 2 |
| WGEC24 | Strobe/Horn | 4 | 7 | 9 | 13 | 2 |
| WGES24 Colored Lens * | Strobe | 5 | 8 | 11 | 16 | 2 |
| WGEC24 Colored Lens * | Strobe/Horn | 4 | 7 | 9 | 13 | 2 |
| GHLF | Sounder | 10 | 15 | 20 | 30 | 5 |
| GHSFLF | Strobe/Horn | 8 | 12 | 16 | 24 | 4 |

* Not for evacuation

Cooper/Wheelock

| Model | Type | A | B | C | D | E |
|------------------|-------------|---|----|----|-----|----|
| | | <i>Number of Devices. Refer to the Panel Key.</i> | | | | |
| HN | Horn | 20 | 31 | 42 | 62 | 10 |
| HNC | Horn | 20 | 31 | 42 | 62 | 10 |
| HS-24 | Horn | 36 | 55 | 74 | 110 | 18 |
| NH-12/24 | Horn | 22 | 34 | 45 | 67 | 11 |
| AH-24 | Horn | 47 | 71 | 95 | 142 | 23 |
| AH-24WP | Horn | 47 | 71 | 95 | 142 | 23 |
| MIZ-24S | Horn | 38 | 57 | 76 | 114 | 19 |
| AMT-12/24 | Horn | 24 | 36 | 48 | 72 | 12 |
| HS | Strobe/Horn | 15 | 23 | 30 | 45 | 7 |
| HSC | Strobe/Horn | 15 | 23 | 30 | 45 | 7 |
| AS-24MCW | Strobe/Horn | 14 | 22 | 29 | 43 | 7 |
| AS-24MCWH | Strobe/Horn | 2 | 4 | 5 | 7 | 1 |
| AS-241575W | Strobe/Horn | 10 | 15 | 20 | 30 | 5 |
| AS-24MCC | Strobe/Horn | 13 | 20 | 27 | 40 | 6 |
| AS-24MCCH | Strobe/Horn | 2 | 4 | 5 | 7 | 1 |
| ASWP-2475W | Strobe/Horn | 6 | 10 | 13 | 19 | 3 |
| HS4-241575W | Strobe/Horn | 6 | 9 | 12 | 18 | 3 |
| HS4-24MCW | Strobe/Horn | 10 | 16 | 21 | 31 | 5 |
| HS4-24MCC | Strobe/Horn | 10 | 16 | 21 | 31 | 5 |
| HS4-24MCWH | Strobe/Horn | 2 | 4 | 6 | 8 | 1 |
| NS-241575W | Strobe/Horn | 10 | 15 | 20 | 30 | 5 |
| NS-24MCW | Strobe/Horn | 14 | 22 | 30 | 44 | 7 |
| NS-24MCC | Strobe/Horn | 14 | 18 | 28 | 38 | 7 |
| NS-24MCCH | Strobe/Horn | 12 | 4 | 6 | 8 | 6 |
| ST | Strobe | 17 | 26 | 35 | 52 | 8 |
| STC | Strobe | 16 | 24 | 32 | 48 | 8 |
| RSS-241575W | Strobe | 10 | 16 | 22 | 32 | 5 |
| RSS-24MCW | Strobe | 16 | 25 | 33 | 49 | 8 |
| RSS-24MCC | Strobe | 15 | 23 | 30 | 45 | 7 |
| RSS-24MCWH | Strobe | 3 | 5 | 6 | 9 | 1 |
| RSS-24MCCH | Strobe | 3 | 5 | 6 | 9 | 1 |
| RSSP-241575W | Strobe | 10 | 16 | 22 | 32 | 5 |
| RSSP-24MCW | Strobe | 16 | 25 | 33 | 49 | 8 |
| RSSP-24MCWH | Strobe | 3 | 5 | 6 | 9 | 1 |
| RSSWP-2475W | Strobe | 6 | 10 | 14 | 20 | 3 |
| AMT-241575W | Strobe/Horn | 8 | 13 | 18 | 26 | 4 |
| AMT-24MCW | Strobe/Horn | 12 | 18 | 25 | 36 | 6 |
| AMT4-241575W-NYC | Strobe/Horn | 8 | 12 | 17 | 24 | 4 |
| MT-241575W | Strobe/Horn | 8 | 13 | 17 | 25 | 4 |

Cooper/Wheelock *(continued)*

| Model | Type | A | B | C | D | E |
|---------------|-------------|----------|----------|----------|----------|----------|
| MT-24MCW | Strobe/Horn | 11 | 17 | 23 | 34 | 5 |
| MTWP-2475W | Strobe/Horn | 6 | 10 | 13 | 19 | 3 |
| AMT-12/24-NYC | Horn | 24 | 36 | 48 | 72 | 12 |
| MT-12/24 | Horn | 40 | 62 | 80 | 121 | 20 |
| MT4-12/24 | Horn | 25 | 38 | 51 | 76 | 12 |

System Sensor

| Model | Type | A | B | C | D | E |
|---------------|--------------|---|-----|-----|-----|----|
| | | <i>Number of Devices. Refer to the Panel Key.</i> | | | | |
| HR/HW | Horn | 19 | 28 | 38 | 57 | 9 |
| HRK/HWK | Horn | 19 | 28 | 38 | 57 | 9 |
| MH | Horn | 71 | 107 | 142 | 214 | 35 |
| CHR/CHW | Chime | 29 | 44 | 58 | 88 | 14 |
| SR/SW | Strobe | 15 | 22 | 30 | 45 | 7 |
| SRH/SWH | Strobe | 4 | 6 | 8 | 13 | 2 |
| SRK/SWK | Strobe | 15 | 22 | 30 | 45 | 7 |
| SRH/SHW | Strobe | 4 | 6 | 8 | 13 | 2 |
| SRHK/SWHK | Strobe | 4 | 6 | 8 | 13 | 2 |
| SCR/SCW | Strobe | 15 | 22 | 30 | 45 | 7 |
| SCRH/SCWH | Strobe | 4 | 6 | 8 | 13 | 2 |
| SCRHK/SCWHK | Strobe | 4 | 6 | 8 | 13 | 2 |
| P2R/P2W | Strobe/Horn | 15 | 22 | 30 | 45 | 7 |
| P2RH/P2WH | Strobe/Horn | 4 | 6 | 8 | 13 | 2 |
| P2RK/P2WK | Strobe/Horn | 15 | 22 | 30 | 45 | 7 |
| P2RHK/P2WHK | Strobe/Horn | 4 | 6 | 8 | 13 | 2 |
| PC2R/PC2W | Strobe/Horn | 15 | 22 | 30 | 45 | 7 |
| PC2RK/PC2WK | Strobe/Horn | 15 | 22 | 30 | 45 | 7 |
| PC2RH/PC2WH | Strobe/Horn | 4 | 6 | 8 | 13 | 2 |
| PC2RHK/PC2WHK | Strobe/Horn | 4 | 6 | 8 | 13 | 2 |
| P4R/P4W | Strobe/Horn* | 15 | 22 | 30 | 45 | 7 |
| P4RH/P4WH | Strobe/Horn* | 4 | 6 | 8 | 13 | 2 |
| PC4R/PC4W | Strobe/Horn* | 4 | 6 | 8 | 13 | 2 |
| PC4RH | Strobe/Horn* | 4 | 6 | 8 | 13 | 2 |
| CHSR/CHSW | Strobe/Chime | 15 | 23 | 31 | 46 | 7 |
| MDL3R/MDL3W | Sync Module | 1 | 1 | 1 | 1 | 1 |
| HR-LF | Sounder | 7 | 10 | 14 | 21 | 3 |

* Not for evacuation

System Sensor

| Model | Type | A | B | C | D | E |
|-----------------|--------------|---|-----|-----|-----|----|
| | | <i>Number of Devices. Refer to the Panel Key.</i> | | | | |
| HRL/HWL | Horn | 31 | 46 | 62 | 93 | 15 |
| HGRI/HGWL | Horn | 31 | 46 | 62 | 93 | 15 |
| CHRL/CHWL | Chime | 125 | 187 | 250 | 375 | 62 |
| SRL/SWL | Strobe | 23 | 34 | 46 | 69 | 11 |
| SGRL/SGWL | Strobe | 23 | 34 | 46 | 69 | 11 |
| SRL-P/SWL-P | Strobe | 23 | 34 | 46 | 69 | 11 |
| SRL-SP | Strobe | 23 | 34 | 46 | 69 | 11 |
| SWL-CLR-ALERT | Strobe | 23 | 34 | 46 | 69 | 11 |
| SCRL/SCWL | Strobe | 24 | 36 | 48 | 73 | 12 |
| SCWL-CLR-ALERT | Strobe | 24 | 36 | 48 | 73 | 12 |
| P2RL/P2WL | Strobe/Horn | 22 | 34 | 45 | 68 | 11 |
| P2GRL/P2GWL | Strobe/Horn | 22 | 34 | 45 | 68 | 11 |
| P2RL-P/P2WL-P | Strobe/Horn | 22 | 34 | 45 | 68 | 11 |
| P2RL-SP/P2WL-SP | Strobe/Horn | 22 | 34 | 45 | 68 | 11 |
| P4RL/P4WL | Strobe/Horn | 22 | 34 | 45 | 68 | 11 |
| PC2RL/PC2WL | Strobe/Horn | 18 | 27 | 37 | 55 | 9 |
| PC4RL/PC4WL | Strobe/Horn | 18 | 27 | 37 | 55 | 9 |
| CHSRL/CHSWL | Strobe/Chime | 21 | 32 | 43 | 65 | 10 |
| CHSCRL/CHSCWL | Strobe/Chime | 21 | 31 | 42 | 63 | 10 |