

Notification Compatibility Document



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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	D	3
	I/O Circuits	A	1
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
		Number of Devices. Refer to the Panel Key.				
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
		Number of Devices. Refer to the Panel Key.				
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
		Number of Devices. Refer to the Panel Key.				
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-24MCCCH	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-24MCCCH	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-24MCCCH	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
		Number of Devices. Refer to the Panel Key.				
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
		Number of Devices. Refer to the Panel Key.				
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