

INTERMATIC® Spring Wound Timers In-Wall



Operation requires no electricity, automatically limiting length of time energy is used. Have "Hold" position for continuous service without using timer.

FD Series. Available in ivory or white; single or multi-gang applications in contemporary wall plate designs. Shipped with timer, color-coordinated time dial and knob.

FF Series. Metal time dial "wall switch plate" for heavy duty applications. Shipped with timer, brushed aluminum time dial and black knob. Applications include indoor lighting, fans, heating equipment, air conditioners, pumps, tennis court lighting, self-storage facilities, steam rooms, television sets, process controls and outdoor lighting. Do not use in precision timing applications such as sunlamps and saunas.

No.	UPC	Time Cycle
Ivory Decorator Timers SPST - Without Hold*		
FD5M	18550	5 min.
FD15M	18556	15 min.
FD30M	18560	30 min.
FD30MC†	18557	15 min.
FD30MW*	18561	30 min.
FD60M	18564	60 min.
FD60MC†	18565	60 min.
FD6H	18568	6 hr.
FD12H	18572	12 hr.

No.	UPC	Time Cycle
White Decorator Timers SPST-Without Hold		
FD60MW	18565	60 min.
SPDT‡		
FD32H	18576	2 hr.
FD34H	18580	4 hr.
FD36H	18584	6 hr.
FD312H	18588	12 hr.
DPST		
FD415M	18598	15 min.
FD430M	18599	30 min.
FD460M	18600	60 min.
FD46H	18604	6 hr.
FD412H	18606	12 hr.
Commercial Timers SPST		
FF5M	18410	5 min.
FF5MH	18411	5 min.
FF15M	11050	15 min.
FF30M	11056	30 min.
FF60M	11181	60 min.
FF60MH	11185	60 min.
FF6H	18418	6 hr.
FF12H	11022	12 hr.
SPDT‡		
FF32H	18422	2 hr.
FF34H	18424	4 hr.
FF36H	18426	6 hr.
FF312H	18428	12 hr.
DPST		
FF415M	18434	15 min.
FF430M	18435	30 min.
FF460M	18436	60 min.
FF46H	18430	6 hr.
FF412H	18432	12 hr.
Ivory Decorator Timers SPST - With Hold*		
FD5MH	18552	5 min.
FD15MH	18554	15 min.
FD30MH	18558	30 min.
FD60MH	18562	60 min.
FD6HH	18566	6 hr.
FD12HH	18570	12 hr.
SPDT‡		
FD32HH	18574	2 hr.
FD34HH	18582	4 hr.
FD36HH	18578	6 hr.
FD312HH	18586	12 hr.

No.	UPC	Time Cycle
DPST		
FD46HH	18605	15 min.
FD412HH	18607	30 min.
Commercial Timers SPST		
FF15MH	18413	15 min.
FF30MH	18415	30 min.
FF6HH	18419	6 hr.
FF12HH	11031	12 hr.
SPDT‡		
FF32HH	18423	2 hr.
FF34HH	18425	4 hr.
FF36HH	18427	6 hr.
FF312HH	18429	12 hr.
DPST		
FF46HH	18431	6 hr.
FF412HH	18433	12 hr.

*For White Decorator Timers, add "W" suffix to Ivory model numbers.
 †Clam shell packaging.
 ‡May use as normally closed for "Reverse Action" applications.

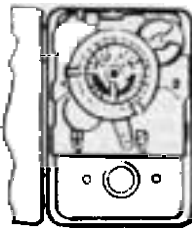
Order separate components by adding indicated suffix to model number; i.e., No. FF5M10 (mechanism only for 5 minute timer without hold).

Suffix	Component	Example
	DPST	
10	Mechanism only‡	FF5M10
P	Time Dial only	FF5MP
P	Ivory Dec. Time Dial only	FD5MP
PW	White Dec. Time Dial only	FD5MPW

‡Available for FF Series only.

No.	UPC	Color
Replacement Knobs		
FF Series		
146MT415A	60076	Stonedust White
146MT417A	60078	Black
FD Series		
146MT494A	60085	White
146MT492A	60084	Ivory

X-REFERENCE Mechanical 24-Hour Dial Time Switches



Volts	Switch	Area Lighting	Cat. No.				
			Fisher Pierce	Intermatic	Paragon	Precision	Tork
Indoor							
120	SPST	TC101	FP101	T101	4001-00	GD101	1101
120	DPST	TC103	FP103	T103	4003-00	GD103	1103
208-277	SPST	TC104	FP104	T102	4002-71	GD102	1102
208-277	DPST	TC104	FP104	T104	4004-71	GD104	1104
Indoor w/Omitting Device							
120	SPST	...	FP171	T171	4005-00S	GD105S	7100
120	SPDT	...	FP173	T175	4003-00S	GD103S	7120
120	DPST	TC173	FP173	T173	4003-00S	GD103S	7200

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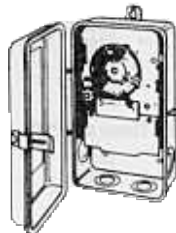
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		Cat. No.					
Volts	Switch	Area Lighting	Fisher Pierce	Intermatic	Paragon	Precision	Tork
208-277	SPST			T172			7102
208-277	SPDT			T176	4006-71S	CD106S	7122
208-277	DPST	TC174		T174	4004-71S	CD104S	7202
Indoor & Outdoor							
120	SPST	TC101R	FP101R	T101R	4011-00	CD101R	
120	SPDT	...	...	T105R	...	...
120	DPST	TC103R	...	T103R	4013-00	CD103R	
208-277	SPST	...	...	T102R	...	CD102R	
208-277	SPDT	...	...	T106R	...	...
208-277	DPST	TC104R	FP104R	T104R	4014-71	CD104R	
Indoor & Outdoor w/Omitting Device							
120	SPST	...	...	T171R	...	...
120	SPDT	...	...	T175R	...	...
120	DPST	...	...	T173R	4013-00S	...	
208-277	DPST	...	...	T174R	4014-71S	...	
Indoor & Outdoor w/Omitting Device & Reserve Power							
120	SPDT	...	...	T175CR	4215-00S	...	7120L-0
120	DPST	...	...	T173CR	4213-00S	...	7200L-0
208-277	SPDT	...	...	T176CR	...	...	...
208-277	DPST	...	...	T174CR	4214-20S*	...	7202L-0

*208-240V.

X-REFERENCE

Mechanical 24-Hour Astronomic-Dial Time Switches



No.		Tork		Volts		Switch	
Indoor w/Omitting Device							
Paragon							
4005-00SZ		7120Z		120		SPDT	
4003-00SZ		7200Z		120		DPST	
4004-71SZ		7202Z		208-277		DPST	
Indoor & Outdoor w/Omitting Device							
4015-00SZ		7120Z-0		120		SPDT	
4013-00SZ		7200Z-0		120		DPST	

INTERMATIC INCORPORATED
Time Switches
24-Hour - Dial - Century



Provide 1 to 12 on-off operations every day, depending on trippers used. Allow timing of 1 to 23 hours. Each switch has 1 "On" and 1 "Off" trip-

per. Dimensions: 7 3/4" high, 5" wide, 3" deep. Switch rating: all 40A per pole. Control indoor and outdoor lights, post lanterns, pool heaters, filters, hydrochlorinators, air conditioning, ventilating, heating, electric water heaters, water conditioning, music and signal systems, conveyors, blowers, electric fences, pumps, fans and poultry foggers. UL Listed. CSA Approved.

No.	UPC	Switch	Clock Volts 60 Hz	Amps/ Pole hp
Indoor Enclosure - NEMA 1				
T101	00001	SPST	125	40 2
T102	10221	SPST	208-277	40 5
T103	00004	DPST	125	40 2
T104	00002	DPST	208-277	40 5
T101B	10701	SPST	125	40 2
T102B	10821	SPST	208-277	40 5
T105	80010	SPDT	125	40 2
Indoor/Outdoor Enclosure - NEMA 3R				
T101R	00005	SPST	125	40 2
T102R	10222	SPST	208-277	40 5
T103R	02006	DPST	125	40 2
T104R	00012	DPST	208-277	40 5

No.	UPC	Switch	Clock Volts 60 Hz	Amps/ Pole hp
T106R	10428	SPDT	208-277	40 5
Mechanism Only				
T101M	00023	SPST	...	...
T104M	00026	GFCI	208-277	40 5
T104M201	12420	GFCI	208-277	40 5

Indoor/Outdoor Enclosure - NEMA 3R
T104PCD82* 04787 DPST 208-277 40 5
*Plastic see-through cover.
Note: For switching circuits not on "Line Voltage". For additional trippers, order No. 156T1978A. B suffix denotes separate clock terminals for switching.

The right product for your application. Call our professional staff with your Time Switch needs!

PARAGON®

Timer Switches

Series P100 - 24 Hour



Non-metallic, rugged time control with switch. Two to 48 replaceable trippers for one to 24 on/off operations/day. 1/2 hr. min. and 23 1/2 hrs. max. on or off time. Manual override feature temporarily reverses switch operation without permanently disturbing preset schedule. Heavy duty terminals accommodate AWG #8-22 wire. Hasp for padlock or seal. Standard NEMA 1 indoor metal enclosure or NEMA Type 3R indoor/outdoor non-metallic enclosure available with clear-view cover, both side hinged with 1/2" to 3/4" knockouts in bottom and sides. Ship-a-day feature allows schedule to be omitted on any day or days of the week without disturbing pre-set schedule.

UL Listed. CSA Certified.

No.	UPC	Switch Type	Volts AC	hp	NEMA Type	Wt.
w/o Skip-A-Day						
P101	30400	SPST	120	2	1	2 Lbs.
P101M	30405	SPST	120	2	...	13 Oz.
P101P	30410	SPST	120	2	3R	1 1/2 Lbs.
P101-RT	81571	SPST	120	2	1	2 Lbs.
P101PC-RT	81275	SPST	120	2	3R	1 1/2 Lbs.
P103	30425	DPST	120	2	1	2 Lbs.
P103M	30430	DPST	120	2	...	13 Oz.
P103P	30435	DPST	120	2	3R	1 1/2 Lbs.

No.	UPC	Switch Type	Volts AC	hp	NEMA Type	Wt.
P103-RT	81572	DPST	120	2	1	2 Lbs.
P103PC-RT	81276	DPST	120	2	3R	1 1/2 Lbs.
P104	30450	DPST	208-277	3	1	2 Lbs.
P104M	30455	DPST	208-277	3	...	13 Oz.
P104P	30460	DPST	208-277	3	3R	1 1/2 Lbs.
P104-RT	81573	DPST	208-277	3	1	2 Lbs.
P104PC-RT	81277	DPST	208-277	3	3R	1 1/2 Lbs.
w/Skip-A-Day						
P101-S	30415	SPST	120	1	1	2 Lbs.
P101P-S	30420	SPST	120	1	3R	1 1/2 Lbs.
P103-S	30440	DPST	120	2	1	2 Lbs.
P103P-S	30445	DPST	120	2	3R	1 1/2 Lbs.
P104-S	30465	DPST	208-277	3	1	2 Lbs.
P104P-S	30470	DPST	208-277	3	3R	1 1/2 Lbs.

Note: P=plastic, PC=plastic enclosure with clear-view cover, RT=multi-colored carton, S=skip-a-day, M=movement only.

PARAGON®

Electromechanical Time Controls

Series 1015 - 24 Hour



Features 15-min. multiple interval 24-hr. dial allows up to 48 ON/OFF daily operations by sliding

any of 96 self-contained attached trippers in or out, minimum 15-min. setting. Industrial type synchronous motor. Optional Skip-a-day feature prohibits operation on selected day(s) of the week, without disturbing preset schedule. Enclosure/Dimensions: Side hinged, NEMA 3 indoor/outdoor metal, 9 3/4"Hx5 1/2"Wx4 1/4"D, 9 lbs.

Series 1215



15-min. multiple interval 24-hr. dial allows up to 48 ON/OFF daily operations by sliding any of 96 self-contained attached trippers in or out, minimum 15-min. setting. Industrial type synchronous motor. Spring wound carryover which operates continuously and has a 10-hr. reserve that maintains operation during an extended power outage or several short power failures. Automatically rewound by the same motor that drives the time control dial. Optional Skip-a-day feature prohibits operation on selected day(s) of the week, without disturbing preset schedule. Enclosure/Dimensions: Bottom hinged, NEMA 3 indoor/outdoor metal, 9 3/4"Hx5-12"Wx5"D, 10 lbs.

SPDT Type Switch - Rating 125 VA, 60 Hz

No.	UPC	V AC	Amps
1015-00RS	21020	120	10
1015-40TS	21040	208-240	5
1215-00RS	21070	480	5
		120	10
		120-240	5

X-REFERENCE

7-Day Dial Time Switches



Volts	Switch
120	DPDT
120	4PST
208-277	DPDT
208-277	4PST
120	DPDT
120	4PST
208-277	DPDT
208-277	4PST
120	DPDT
120	4PST
208-277	DPDT
208-277	4PST
120	DPDT
120	4PST
208-277	DPDT
208-277	4PST

*208-240V.

		Cat. No.				
Area Lighting	Fisher Pierce	Intermatic	Paragon	Precision	Tork	
Indoor						
TC7801B	...	T7801B	7008-00	...	W220	
TC7401B	FP7401B	T7401B	7007-00	SD7007-00/20	W400	
TC7802B	...	T7802B	7008-71	...	W222	
TC7402B	...	T7402B	7007-71	SD7008-00/20	W402	
Indoor w/Reserve Power						
...	...	T7801BC	...	...	W220L
...	...	T7401BC	...	...	W400L
...	...	T7802BC	...	...	W222L
...	...	T7402BC	...	...	W402L
Indoor & Outdoor						
...	...	T7801BR	...	...	W220-0
...	...	T7401BR	...	...	W400-0
...	...	T7802BR	...	...	W222-0
...	...	T7402BR	...	...	W402-0
Indoor & Outdoor w/Reserve Power						
...	...	T7801BCR	7218-00	...	W220L-0	
...	...	T7401BCR	7217-00	...	W400L-0	
...	...	T7802BCR	7218-20*	...	W222L-0	
...	...	T7402BCR	7217-20*	...	W402L-0	

INTERMATIC®
Timer Switches
Series T7400 - 7 Day



Recommended for heating, air conditioning, ventilating, lights, pumps, motors and other single to three phase loads. Seven set of trippers supplied with each switch enable you to set a different "On-Off" program each day of the week. Available for 4-pole single-throw and 4-pole (2 NO-2 NC) switching. Minimum "On" and minimum "Off" time, 3 1/2 hours. Maximum of 3 operations per day. Carry over feature keeps the time control on schedule during power failure for 16 hours. It automatically rewinds itself. Ideal in areas where power outages occur entailing costly resetting.

No.	UPC	Switch	Volts 60 Hz	Amps/ Pole
w/o Spring Wound Carry-Over Mechanism				
T7401B	46101	4PST	120	40
T7402B	46221	4PST	208-277	40
T7801B	46301	2NO/2NC	120	40
T7802B	46421	2NO/2NC	208-277	40
With Spring Wound Carry-Over Mechanism				
T7401BC	46502	4PST	120	40
T7402BC	46622	4PST	208-277	40
T7801BC	46703	2NO/2NC	120	40
T7802BC	.....	2NO/2NC	208-277	40

INTERMATIC®
Timer Switches
Series ET100C - Electronic - 7-Day



For economical dependability and uncomplicated performance. Get to-the-minute programming for accurate load control and reduced energy costs. Program and set clocks with 2 slide switches and 4 pushbuttons. Preset a maximum of 8 set points or events (4 ON/OFF) to automatically repeat on daily basis. Override program by putting selector switch in manual position. Included is factory-installed industrial-grade standard AA alkaline battery for automatic carry-over for minimum of 3 years. Battery easily replaceable in field without removal of mechanism or wiring. Use this series for field replacement of T100 Series mechanical time switch. Lockable steel enclosure houses time switch for protection from vandalism and tampering. Applications include controlling water heaters, lighting, process equipment, livestock feeders, heating/ventilating systems, air conditioners and commercial ovens. UL Listed. CSA Approved.

No.	UPC	Switch	Volts*	Amps/ Pole	hp
ET100C	44300	SPST	120	30	1†
ET101C	44301	SPST	120	30	1†
ET102C	00225	SPST	120-277	30	1 or 2‡
ET103C	44303	DPST	120	30	1 or 2‡
ET104C	00226	DPST	120-277	30	2§

*50/60 Hz.
†120V AC.
‡1 hp at 120V AC, 2 hp at 240V AC.
§240V AC.

PARAGON®
Electronic Time Controls
Series EC11 & EC11D24 Hour - Single Channel



Designed to switch single load on time-of-day basis. Program repeated daily. Any day(s) can be skipped by programming Skip-A-Day feature. Up to 288 events (ON, OFF or momentary ON) available, programmable in 5-minute intervals. 100 hrs. carry-over with 9V alkaline battery. Terminals can accommodate 12-24 AWG wire. Model EC11 available in NEMA 1 enclosure for stand-alone applications. Model EC11D housed in DIN enclosure, typically used in panels. Applications include: traffic lights, office lighting, school flashers, HVAC equipment, ringing bells in schools and factories. 50/60 Hz, 4 VA.

No.	UPC	V AC
EC11/120V*	100-120
EC11D/120V	100-120
EC11D/240V	200-240

*UL Listed.

*Questions? Answers
are only a phone
call away!*

X-REFERENCE

Junction Box Mounting Photocontrols

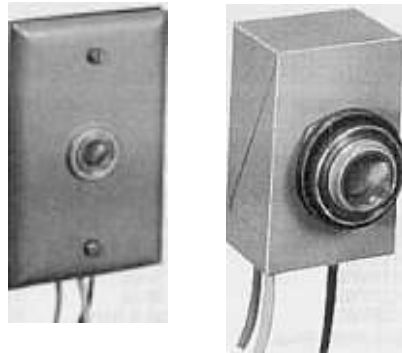


Volts	Area Lighting	Fisher Pierce	Intermatic	No.	Paragon	Precision Controls	Tork
120	PT-15	FT15	K4121		CW201-00	T-15	2000
208	PT-168	FT168	K4124		CW201-71	T-168	2000-2
240	PT-168	FT168	K4122		CW201-71	T-168	2000-2
277	PT-168	FT168	K4123*		CW201-71	T-168	2000-2
480	PT-19	FT19				T-19	

*3000 W.

Products shown here are for reference only. They can be sold by the locally authorized distributor.

X-REFERENCE Flush Mounting Photocontrols



Area Lighting AA-105		Fisher Pierce FA-105	Intermatic K4021	Paragon LB201-00	Precision Controls A-105	Tork 3000
AA-105W		FA-105-W	Flush Mounting On Plate K4321	LB201W-00	A-105W	3010

AREA LIGHTING RESEARCH Shorting Caps Twist-Lock Photocontrols



No.	UPC	Desc.	Pkg. Qty.
SC-10		Shorting Cap	12
MC-10		Shorting Cap w/MOV Arrestor	12

AREA LIGHTING RESEARCH Twist-Lock Photocontrols Series BF



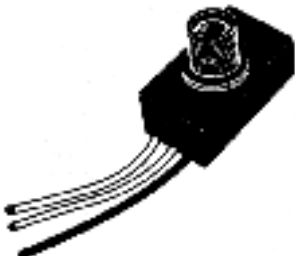
High-impact Noryl® housing, utility grade. Turn on, turn off ratio one to four. Standard turn on, one foot candle. Operating levels .5 to 10 foot candles. Minimum time delay, 15 seconds. Single pole single throw switch.

Temperature range -50°F to 150°F. Contact position at night, normally closed. Normal contact life is 6000 operations of several mercury vapor lamps from a single control point. Fast acting surge arrestor.

ANSI 136-10 1988.

No.	UPC	Volts AC	Rating	Pkg. Qty.
BF-120		120	1800VA	12
BF-208-277		208-277	1800VA	12
BF-480		480	1800VA	12
BF-PV		105-285	1800VA	12
BF-DOME 120		120	1800VA	12

AREA LIGHTING RESEARCH Wire-In Photocontrols Series AA - Button Style



Standard

Snap action switch activated by bi-metal, providing built-in time delay to prevent accidental turn-off by momentary brightness, flashes of severe shock and vibration. Feature will not allow hanging or hesitation, thus preventing wear and electrical/radio interference. Encasement is of weatherproof, corrosion-resistant plastic. Internally mounted. Allow for any outdoor installation. Color coded leads. Nine inches standard with wiring diagram marked on control. Turn on, turn off differential one to three. Standard turn on, one foot candle. Minimum time delay 20 seconds. Single pole, single throw switch. Temperature range -30°F to 140°F. Contact position at night normally closed.

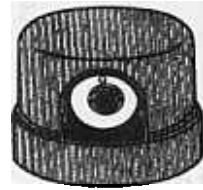
Standard Model. Fit in fixture housings.

With Post Collar. Matte black finish.

With Wall Plate. Brushed aluminum finish.

No.	UPC	V	Watts	Pkg. Qty.
Standard				
AA-105	20500	120	1200	12
AA-1068	..	208-277	1200	12
w/Post Collar				
AA-105P	..	120	1200	12
AA-1068P	..	208-277	1200	12
w/Wall Plate				
AA-105W	..	120	1200	12
AA-1068W	..	208-277	1200	12

AREA LIGHTING RESEARCH Twist-Lock Photocontrols Series LC - Residential Grade



1800 volt ampere capacity allows operation of several lamps from single control point. Fifteen second delay prevents accidental turn-off by momentary brightness. Turn on, turn off ratio one to three. Standard turn on, one foot

candle. Operating levels one to ten foot candles. Single pole, single throw switch. Temperature range -50°F to 150°F. Contact position at night normally closed. Residential/home grade, with high impact housing.

Meet EEI-NEMA standards for locking devices.

No.	UPC	V	Rtg. VA	Pkg. Qty.
LC-120	20120	120	1800	12
LC-208-277	.....	208-277	1800	12

AREA LIGHTING RESEARCH Photocontrol Mounting Accessories AM Series



Contain color coded leads.

UL Listed. CSA Approved.

Series AM-1-A. Locking type receptacle.

Series AM-2-A. Wood pole, cross arm or wall mounted all-weather locking receptacle.

No.	UPC	Desc.	Pkg. Qty.
AM-1-A		w/Aluminum Angle Bracket	12
AM-1-A-NB		w/o Bracket	12
AM-2-A		w/Aluminum Angle Bracket	12
AM-2-A-NB		w/o Bracket	12

AREA LIGHTING RESEARCH

Photocontrols

Series AT - Direct Wire-In



Externally mounted, hermetically sealed light sensitive element, with highest wattage rating. Turn on, turn off ratio one to three. Standard turn on, one foot candle. Operating levels are .5 to 10 foot candles. Minimum time delay 15 seconds. Single pole, single throw switch. Temperature range, -50°F to 150°F. Contact position normally closed at night. Field adjustable light level. All weather, die cast aluminum housing. Standard 1/2" pipe thread nipple with locknut. Color coded leads. Nine inches standard, with wiring diagram marked directly on control.

UL Listed. CSA Certified.

No.	UPC	Volts AC	Rating	Pkg. Qty.
AT-15	120	2000W	12
AT-168	208-277	2000W	12
AT-19	480	2000W	12
AT-20	105-285	2000W	12
AT-30	120	3000W	12
AT-368	208-277	3000W	12
AT-39	480	3000W	12

INTERMATIC®

Weatherproof Covers

Receptacle



Complete with gasket, mounting screws, universal insert for 2-outlet duplex receptacle and insert for GFCI outlet. Rotate inserts 90° for horizontally or vertically mounted receptacles.

Consist of UV stabilized polycarbonate Lexan® cover with 2 cord outlets, 1/2"Wx9/16"H. Mounting base and inserts of black UV stabilized polycarbonate Lexan®. Neoprene gasket is 3/16" thick with slits for mounting screws. Comply with NEC Article 410-57(b) requiring receptacles be protected in outdoor or wet locations with cord set plugged in.

No. WP1020. Double Gang. Recommended for 16 gauge or lighter grounded cord sets. 5"Wx5 3/8"Hx2 1/2"D.

No. WP1030. Double Gang. Recommended for 14 gauge or heavier grounded cord sets for 120V or 240V loads. 5"Wx5 3/8"Hx3 3/8"D.

No.	UPC	Desc.
WP1000	02249	3 1/8" Std. Vert.
WP1010	02250	3 1/4" Std. Vert.
WP1020	00229	2 1/4" Std.
WP1030	00228	3 1/8" Deep

NUTONE

Pushbutton Door Chimes



PB-1

Decorator Non-Lighted Pushbuttons

No.	UPC	Finish	Size In.
Visu-Pack*			
PB-1VCL	Iv. Button/Cir. Bezel	7/8 Dia.
PB-1VGL	Iv. Button/Gold Bezel	7/8 Dia.
PB-1VWHCL	Wh. Button/Cir. Bezel	7/8 Dia.
PB-11NVBP	Brass	3/8x3
PB-12NVWH	White	5/8x3
PB-12NVWL	Walnut & Ivory	5/8x3

*2 bulbs/Visu-Pack.



PB-10



PB-19

Decorator Lighted Pushbuttons

No.	UPC	Finish	Size In.
Visu-Pack†			
PB-6VLGL	Gold Anodized	1 3/8x2 7/8
PB-6VLWH	White	1 3/8x2 7/8
PB-9VLCH	Chrome	7/8x2 3/4
PB-9VLPB	Polished Brass	7/8x2 3/4
PB-9VLWH	White	7/8x2 3/4
PB-10VLGL	Gold Anodized w/ Blk. Trim	7/8x2 5/8
PB-10VLSL	Silver Anodized w/ Blk. Trim	7/8x2 5/8
PB-10VLWHGL	Gold Anodized w/ Wh. Trim	7/8x2 5/8
PB-10VLWHSL	Silver w/ Wh. Trim	7/8x2 5/8
PB-14VLGL	Gold Anodized	1 1/8 Dia.
PB-16VLBL	Blk. "Wrought Iron"	1 1/16x4 3/4
PB-16VLWH	White	1 1/16x4 3/4
PB-18VLCI	Iv. Button/Cir. Bezel	7/8 Dia.
PB-18VLGL	Iv. Button/Gold Bezel	7/8 Dia.
PB-18VLWHCL	Wh. Button/Cir. Bezel	7/8 Dia.
PB-19VLGL	Gold/Antique Center	1x3 1/8
PB-34VLAW	Crackle Glaze White	1 1/2x3

†2 bulbs/Visu-Pack.



PB-5

Masterpiece Lighted Pushbuttons

No.	UPC	Finish	Size In.
DK-1BR	Polished Brass	2 1/2 x 8
PB-5LPB	Polished Brass	2x5
PB-24LAB	Antique Brass	2 1/4 Dia.
PB-24LGN	Verde Green	2 1/4 Dia.
PB-24LPB	Polished Brass	2 1/4 Dia.
PB-25LAB	Antique Brass	2 3/16 Sq.
PB-25LPB	Polished Brass	2 3/16 Sq.
PB-26LAB	Antique Brass	1 5/8 x 4 1/4

No.	UPC	Finish	Size In.
PB-26LPB	Polished Brass	1 5/8 x 4 1/4
PB-27LAB	Antique Brass	1 1/2 x 3 1/2
PB-27LPB	Polished Brass	1 1/2 x 3 1/2
PB-27LGN	Verde Green	1 1/2 x 3 1/2
PB-29LAB	Antique Brass	7/8 x 3 3/16
PB-29LPB	Polished Brass	7/8 x 3 3/16
PB-29LWH	White	7/8 x 3 3/16
PB-29LGN	Verde Green	7/8 x 3 3/16
PB-30LPB	Polished Brass	1 1/8 x 6
PB-32LPB	Polished Brass	2 5/8 x 2 3/4
PB-36LPB	Polished Brass	3/4 x 5
PB-38LPB	Polished Brass	3 Dia.
PB-39LPB	Polished Brass	1 3/4 Dia.
PB-40LPB	Polished Brass	1 1/16 x 6
PB-42LPB	Polished Brass	2 1/2 x 1 1/8
PB-44LAB	Antique Brass	1x6
PB-47LGN	Verde Green	1x5 1/2

NUTONE

Door Chimes

Contour - One or Two Note



Textured finish. Sound 2 notes for front door; 1 note for second door. Recommend No. 101T transformer; not included.

No.	UPC	Color	Dim., In.		
			W	H	D
LB-12WW	99135	White	8 1/8	5 1/2	2
LB-12BG	99144	Beige	8 1/8	5 1/2	2

NUTONE

Electronic Door Chimes

Built-In



Contemporary white louvered panel for flush mounting. Paintable. Housing only 1 7/8" deep; cutout 4 7/8"Wx7"H. Sound 2 notes for front door; 1 note for second door. Recommend No. 101T transformer; not included.

No.	UPC	Dim., In.		
		W	H	
LB-14WH	99153	5 1/16	7 7/8	

NUTONE

Door Chimes

Triad - One or Two Note



Natural light wood look with 3 panels. Sound 2 notes for front door; 1 note for second door. Recommend No. 101T transformer; not included.

No.	UPC	Dim., In.		
		W	H	D
LA-153MA	98006	8 1/4	5 3/4	2 1/2

NUTONE Door Chimes Victoriana



Medium finish oak frame with golden bronze etched-glass pattern surrounds oval filagree. Sounds 2 notes for front door; 1 note for second door. Recommend No. 101T transformer; not included.

No.	UPC	W×H×D In.
LA-144MO	99137	6-3/4×10-1/2×3

NUTONE Door Chimes Vignette



Brass frame with bronze mirrored glass inserts and V-groove accents. Sounds 2 notes for front door; 1 note for second door. Recommend No. 101T transformer; not included.

No.	UPC	W×H×D In.
LA-138PB	02602	8-1/2×10×3-1/2

NUTONE Door Chimes Candlelight Lighted



Light glows through acrylic tubes encased in genuine maple frame. Sounds 2 notes for front door; 1 note for second door. Recommend No. 101T transformer; not included.

No.	UPC	W×L×D In.
LA-156PR	02643	5-5/8×8×3-9/16

NUTONE Door Chimes Oakcrest



Genuine medium-finished crest-shaped cover with 2 brass-finish chime tubes. Sounds 2 notes for front door; 1 note for second door. Recommend No. 101T transformer; not included.

No.	UPC	W×H×D In.
LA-114MO	99133	7-1/2×9×3

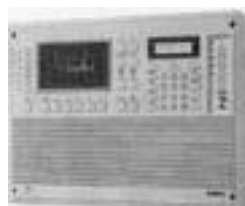
NUTONE Door Chimes Hampton - One or Two Note



Polished V-groove corner design bronze mirrored glass inserts, framed in brass. 3 satin-finish brass tubes. Sound 2 notes for front door; 1 note for second door. Recommend No. 101T transformer; not included.

No.	UPC	W	D	Dim., In.
LA-65PB	02312	8 1/2	3 1/2	

NUTONE Intercoms



Private communication between 2 stations or station and door speaker. Private button. Hands-free answering at all stations. Remote stations with 1 button talk/listen operation with Inside/Patio, Door Talk, Private and End Call buttons, volume control. For answering door, listen-in baby's room, communication throughout home, audible signal announcing someone calling. Connect any music audio source; music muted during intercom calls.

No. IM-5000. Economical selective call system with optional music distribution. Master surface mounts in closet or out-of-the-way place, only speaker visible. Uses up to 20 remote station plus 3 door speakers. Auxiliary input distributes any audio source through home.

No. IM-5006. Uses up to 24 remote stations plus 3 door speakers. Auto-Reverse cassette recorder; note-function advances to beginning of each message. Tape directly from FM/AM radio or tape throughout home.

No.	UPC	Finish	W×H In.
IM-5000	13086	Bright White	8×12-1/2
IM-5006	13072	Bright White	15-5/8×12-1/4

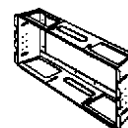
NUTONE Intercom Master Station Kits



IM-3303WH



IS-335WH



IR-104



IR-50

Kits Contents

No.	Desc.	Qty.
IM-3303WH	Bright White Master Station	1
IS-335WH	Bright White 5" Inside Speaker	2
IR-104	Housing For IM-3303 Master Station	1
IR-50	Housing For 5" Inside Speakers	2
IWA-3-200*	200' Roll, Flat Parallel 3-Wire Cable	1

*UL Listed.

Intercom Master Station Kits

No.	UPC	Desc. Kit
IM-3303WHCOMK		

NUTONE Door Chime Transformers



All transformers thermally protected. "Quick-clamp" mounting feature and fit standard wiring knockout.

Class 2 Energy Limiting Type in accordance with NEC. UL Listed.

Specifications

No.	Volts	Sec. Watt.	Dim., In.		
			H	W	D
101T	16	10	2 1/2	1 7/8	2 1/8
105T	16	15	2 1/2	1 7/8	2 3/8
201T	24	20	2 3/4	2 1/2	2 1/2
301T	16	30	2 3/4	2 1/2	2 1/2
320T	8-16-24	20	2 3/4	2 1/2	2 1/2
401T	24	40	2 3/4	2 1/2	2 1/2
515T	10	5	2 1/2	1 7/8	2

Transformers

No.	UPC	Desc.
101T*	For 2-Note Chimes & Gen. Purpose
105T	For 4-8 Note Motor-Drive Chimes & Gen. Purpose
201T	For Oil & Gas Heating Systems, Air Cond. Units, Signaling Equipment
301T	For Multiple Chime Installations, Oil & Gas Heating Systems, Air Cond. Units, Signaling Equipment
320T	Tri-Volt For Gen. Purpose
401T	For Use w/NuTone Integrated Video Systems
515T*	For Chimes In Small Homes & Gen. Purpose†

*Also available in see-through Visu-Pack. To order, use catalog number plus suffix "V".

†2-note chimes will work satisfactorily with No. 515T 10V transformer; however, for improved sound and performance, No. 101T 16V transformer recommended.

EDWARDS®

Push Buttons

Series 690 - Industrial



No. 691-W



No. 692-W

No. 694-W



No. 695-W

Low-voltage (to 50V) push buttons are ideally suited to OEM and general industrial use. Mount in 5/8" hole.

Contact ratings: 12V, 10A AC, 4A DC; 24V, 10A AC, 2A DC; 48V, 5A AC, 1A DC.

No.	UPC	Desc.
690-W	25260	Snap-Fit, Flush
692-W	25300	Snap-Fit, Recessed
694-B	25320	Snap-Fit, Protruding
694-W	25340	Snap-Fit, Protruding
691-W	25280	Locknut, Flush
695-B	25360	Locknut, Protruding
695-W	25380	Locknut, Protruding

Note: "-B"=Black button, "-W"=White button.

EDWARDS®

Transformers

Class 2



590



596

No.	Primary Volts	Secondary Volts	Secondary VA
590	120	10	5
591	120	16	10
592	120	8	10
		16	10
		24	20
594	120	12	20
595	120	16	20
596	120	6	10
		12	15
		18	15
598	120	8	20
		16	30
		24	30
598Y	240	8	20
		16	30
		24	30
599	120	24	40

EDWARDS®

Vibrating Alarms & Bells

Adaptabel™



AC Type



DC Type

For timing, scheduling or general alarm applications. Compact size and plug-in convenience. No mechanical clatter. Low power drain. Shock-proof die cast housing. Dustproof, fully enclosed weatherproof mechanism. Self-compensating solenoid plunger. Corrosion-resistant, gray finish. Supplied with Adaptaplate.

UL Listed. CSA Certified.

AC Type. 50/60 Hz. 400 hour rated life at 50% duty cycle.

CSFM Listed. FM Approved.

DC Type. 200 hour rated life at 50% duty cycle.

No.	UPC	Size In.	Volts	Amps	VA	DC Coil Res. Ω	dB @ 10'(3m)
340-4E5		4	12	.620	7.4	13	88
340-4G5	23480	4	24	.310	7.4	50	88
340-4N5	23500	4	120	.062	7.4	1300	88
340-4R5		4	240	.031	7.4	5000	88
340-6E5		6	12	.620	7.4	13	92
340-6G5	23560	6	24	.350	8.4	30	92
340-6N5	23580	6	120	.070	8.4	700	92
340-6R5		6	240	.035	8.4	2650	92
340-10E5		10	12	.700	8.4	8	98
340-10G5	02195	10	24	.350	8.4	30	98
340-10N5	02197	10	120	.070	8.4	700	98
340-10R5		10	240	.035	8.4	2650	98
326-4N5		4	120	.062	7.4	1300	88
326-6N5		6	120	.070	8.4	700	92
326-10N5		10	120	.070	8.4	700	98

No.	UPC	Size In.	Volts	Amps	VA	DC Coil Res. Ω	dB @ 10'(3m)
435-4C1		4	6	.250	1.5	11	90
435-4E1	24521	4	12	.125	1.5	40	90
435-4G1	24522	4	24	.062	1.5	155	90
435-4J1		4	32	.047	1.5	275	90
435-4K1		4	48	.031	1.5	620	90
435-4P1		4	125	.012	1.5	3000	90
435-4S1		4	250	.008	2.0	6100	90
435-6C1		6	6	.250	1.5	11	92
435-6E1	24544	6	12	.125	1.5	40	92
435-6G1	24543	6	24	.062	1.5	155	92
435-6J1		6	32	.047	1.5	275	92
435-6K1		6	48	.031	1.5	620	92
435-6P1		6	125	.012	1.5	3000	92
435-6S1		6	250	.008	2.0	6100	90
435-10C1		10	6	.250	1.5	11	94
435-10E1	24551	10	12	.125	1.5	40	94
435-10G1	24555	10	24	.062	1.5	155	94
435-10J1		10	32	.047	1.5	275	94
435-10K1		10	48	.031	1.5	620	94
435-10P1		10	125	.012	1.5	3000	94
435-10S1		10	250	.008	2.0	6100	90

EDWARDS®

Vibrating Horns

Indoor Flush Type - AdaptaHorn®



For installation on indoor panelboards, switchboards, ceilings and walls for building hallways,

corridors and manufacturing sites. Ideal for scoreboards. Preassembled. Low current drain for long wire runs. Sound output adjustment. -20% to +10% nominal voltage operating range. Project less than 1" from mounting surface. Trim plate supplied. Mount in No. 870-B back box, not included.

UL Listed.

AC Models. 50/60 Hz. 400 hour life at 50% duty cycle. 103 dB at 10'(3m).

FM Approved.

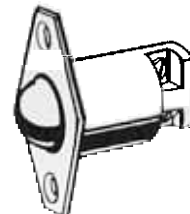
DC Models. 200 hour life at 50% duty cycle. 101 dB at 10'(3m).

No.	UPC	Volts	Amps	VA	DC Coil Res. Ω
AC Models					
870-E5		12	1.25	15.0	1.3
870-G5	26120	24	.63	15.0	5.2
870-N5	26140	120	.13	15.0	150.0
870-R5	26145	240	.08	15.0	580.0
DC Models					
871-C1		6	.58	3.5	1.5
871-E1	26149	12	.29	3.5	6.0
871-G1	26150	24	.18	3.5	24.0
871-K1	26151	48	.07	3.5	96.0
871-P1	26155	125	.03	3.5	600.0
871-S1	26156	250	.01	3.5	2400.0

EDWARDS®

Contact Devices

Low Voltage Contactor



Rolling Ball Contactor.

All purpose, to make or open contacts on doors, windows, transoms, safes or burglar alarm systems; 1 3/16"(20 mm) hole. Overall depth 1 1/2"(28 mm).

No. 44. Depressing opens contacts.

No. 45. Depressing closes contacts.

No. 46. Depressing makes, then breaks and repeats on return.



236

Low Voltage Door Trip Switch. Noninsulated external mounting; makes and breaks as door opens. Depth 3 1/4"(82 mm), length 1 1/4"(32 mm) and width 1 1/4"(33 mm).

No.	UPC	Desc.	Contact Ratings Volts	AC Amps	DC Amps
44	21260	NC Contactor	12	2	2.0
			24	2	1.0
			48	1	.5
45	21280	NO Contactor	12	2	2.0
			24	2	1.0
			48	1	.5
46	21300	Momentary Contactor	12	2	2.0
			24	2	1.0
			48	1	.5
236	22640	Door Trip			

EDWARDS® Beacon Lights AdaptaBeacon®



Series 50



Series 51

50/60 Hz. Weatherproof installation with shatter resistant Lexan® lenses, stainless steel clamp rings and bayonet base type bulbs.

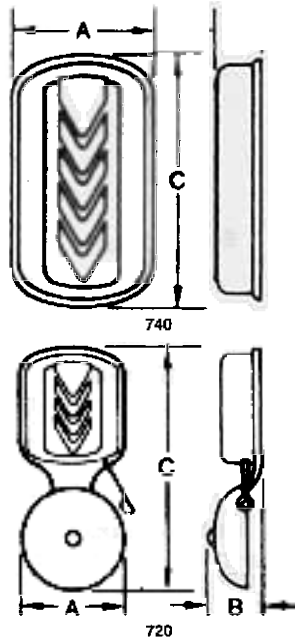
For providing visual warnings of dangerous conditions or malfunctions or for attracting attention. CSA Certified.

Flashing. 60 flashes per minute.

No.	UPC	Color	Nom. Amp Rating	AC Volts
Flashing w/Protective Dust Cover				
49CR-N5-40W	Red	.26	120
49CA-N5-40W	Amber	.26	120
49CB-N5-40W	Blue	.26	120
49CG-N5-40W	Green	.26	120
49CM-N5-40W	Magenta	.26	120
49CCN5-40W	Clear	.26	120
Flashing				
50CR-N5-40W	Red	.26	120
50CA-N5-40W	Amber	.26	120
50CB-N5-40W	Blue	.26	120
50CG-N5-40W	Green	.26	120
50CM-N5-40W	Magenta	.26	120
50CRCN5-40W	Clear	.26	120
50R-G5	Red	.90	24
50A-G5	Amber	.90	24
50B-G5	Blue	.90	24
50G-G5	Green	.90	24
50M-G5	Magenta	.90	24
50C-G5	Clear	.90	24
Steady				
50CSIR-N5-40W	Red	.28	120
50CSIA-N5-40W	Amber	.28	120
50CSIB-N5-40W	Blue	.28	120
50CSIG-N5-40W	Green	.28	120

No.	UPC	Color	Nom. Amp Rating	AC Volts
50CSIMN5-40W	Magenta	.28	120
50CSIC-N5-40W	Clear	.28	120
Flashing w/Horn				
51CR-N5-40W	Red	.29	120
51CA-N5-40W	Amber	.29	120
51CB-N5-40W	Blue	.29	120
51CG-N5-40W	Green	.29	120
51CM-N5-40W	Magenta	.29	120
51CC-N5-40W	Clear	.29	120
51R-G5	Red	1.10	24
51A-G5	Amber	1.10	24
51BR-G5	Blue	1.10	24
51G-G5	Green	1.10	24
51M-G5	Magenta	1.10	24
51C-G5	Clear	1.10	24
Flashing Portable w/Grounded Cord & Plug				
50CPR-N5-40W	Red	.26	120
50CPA-N5-40W	Amber	.26	120
50CPB-N5-40W	Blue	.26	120
50CPG-N5-40W	Green	.26	120
50CPM-N5-40W	Magenta	.26	120
50PCN5-40W	Clear	.26	120

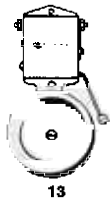
EDWARDS® Bells & Buzzers 6-8V AC, 3-6V DC



Versatile, inexpensive streamlined bells and buzzers. Satin aluminum finish, snap-on covers. Enclosed binding posts. Nonadjustable. Fully insulated. 78 dB at 10 ft. (3m).

No.	UPC	Desc.	Volts	Amps	VA	DC Coil Res. Ω	A In.	A mm	B In.	B mm	C In.	C mm
720	25560	Fully Encl. Dixie Bell	6-8 AC	1.2	7	1.5	3	76	1	25	5¼	133
			3-6 DC	2.4	14							
725	25580	Dixie Buzzer	6-8 AC	1.2	7	1.5	1¾	45	1	25	2¾	69
			3-6 DC	2.4	14							
730	25600	Fully Encl. Low-Volt. Bell/Buzzer Comb.	6-8 AC	.7	4	3.0	3	76	1	25	5¼	133
			3-6 DC	1.4	8							
740	25620	Nubel Exposed 2½" Gong	6-8 AC	1.2	7	1.5	2½	63	1¾	32	5¾	146
			3-6 DC	2.4	14							
744	25640	Nubel Exposed 4" Gong	6-8 AC	1.6	10	1.5	4	102	1¾	44	6¾	175
			3-6 DC	3.2	20							

EDWARDS®
Miniature Bells & Buzzers
Lungen®



Compact design with chrome covers. Adjustable tone and volume. Specify rating when ordering.
Series 13. Insulated binding posts and grounded frames.
Series 15. Insulated binding posts and grounded frames.
Series 115. AC, fully insulated.

Specifications

No.	Bell Dia. In.	Bell Dia. mm	Nom. Ht. In.	Nom. Ht. mm	Nom. Wdth. In.	Nom. Wdth. mm	Nom. Dpth. In.	Nom. Dpth. mm
Miniature Bells								
13-1AB	1	26	3/8	79	1 3/4	44	3/4	19
13-1G5	1	26	3/8	79	1 3/4	44	3/4	19
13-3AB	3	76	5/8	149	3 1/2	89	1 1/2	40
13-3G5	3	76	5/8	149	3 1/2	89	1 1/2	40
Miniature Buzzers								
15-0AJ	1 21/32	42	1/2	13	1 13/32	36	1 15/32	37
15-0G1	1 21/32	42	1/2	13	1 13/32	36	1 15/32	37
15-0G5	1 21/32	42	1/2	13	1 13/32	36	1 15/32	37
15-1AB	2 1/8	54	19/32	15	1 53/64	46	1 13/16	46
15-1G1	2 1/8	54	19/32	15	1 53/64	46	1 13/16	46
15-1G5	2 1/8	54	19/32	15	1 53/64	46	1 13/16	46
15-2AB	2 5/8	66	15/16	23	2 1/32	52	1 15/16	46
15-2G1	2 5/8	66	15/16	23	2 1/32	52	2 3/8	60
15-2G5	2 5/8	66	15/16	23	2 1/32	52	2 3/8	60
15-3AB	3	76	7/8	22	2 18/32	61	2 1/2	63
15-3G1	3	76	7/8	22	2 18/32	61	2 1/2	63
15-3G5	3	76	7/8	22	2 18/32	61	2 1/2	63
115-1AC	2 9/32	55	5/8	16	1 25/32	45	1 9/32	32
115-1G5	2 9/32	55	5/8	16	1 25/32	45	1 9/32	32
115-2AC	2 5/8	66	2 9/32	20	2 9/32	53	1 11/16	43
115-2G5	2 5/8	66	2 9/32	20	2 9/32	53	1 11/16	43
115-4AC	3 7/16	87	1 1/8	28	2 27/32	72	2 3/16	55
115-4G5	3 7/16	87	1 1/8	28	2 27/32	72	2 3/16	55

Bells & Buzzers

No.	UPC	Size*	Volts	Amps	VA	DC Coil Res. Ω	dB at 3'(9m)
Miniature Bells							
13-1AB	20500	1	5-10 DC	.35	2.0	10.0	76.0
13-1G5	20510	1	6-12 AC	.50	4.0	10.0	76.0
13-3AB	20640	3	24 AC	.21	5.0	85.0	76.0
13-3G5	20643	3	5-10 DC	.60	3.5	5.0	82.0
			6-12 AC	.40	3.5	5.0	
			24 AC	.25	6.0	30.0	82.0
Miniature Buzzers							
15-0AJ	20740	0	6 DC	.20	1.2	10.0	71.5
15-0G1	20780	0	8 AC	.30	2.4	10.0	71.5
15-0G5	20800	0	24 DC	.10	2.5	120.0	71.5
15-1AB	20840	1	24 AC	.20	5.0	85.0	71.5
			6 DC	.30	2.0	8.0	74.0
			8 AC	.45	3.5	8.0	74.0
15-1G1	20880	1	24 DC	.10	2.4	90.0	74.0
15-1G5	20900	1	24 AC	.25	6.0	56.0	74.0
15-2AB	20940	2	6 DC	3.5	2.0	6.0	75.0
			8 AC	3.0	3.0	6.0	75.0
15-2G1	20980	2	24 DC	.15	3.5	60.0	75.0
15-2G5	21000	2	24 AC	.25	6.0	40.0	75.0
15-3AB	21040	3	6 DC	.30	2.0	5.0	80.5
			8 AC	.40	2.5	5.0	80.5
15-3G1	21093	3	24 DC	.20	5.0	44.0	80.5
15-3G5	21100	3	24 AC	.25	6.0	30.0	80.5
115-1AC	21880	1	8 AC	.40	3.5	12.5	81.0
115-1G5	21900	1	24 AC	.20	5.0	80.0	81.0
115-2AC	21920	2	8 AC	.50	4.0	6.5	81.0
115-2G5	21940	2	24 AC	.20	5.0	45.0	81.0
115-4AC	21960	4	8 AC	.45	4.0	3.7	81.0
115-4G5	21980	4	24 AC	.25	6.0	28.0	81.0

*Size 1 (26), Size 2 (52), Size 3 (76), refers to approximate bell diameter in inches.

Products shown here are for reference only. They can be sold by the locally authorized distributor.

EDWARDS® Fire Alarm Pull Stations Series 270



Used in fire detection systems in schools, hospitals, factories, industrial applications. Single action. Open or closed circuit. Metal construction. ULC Listed.

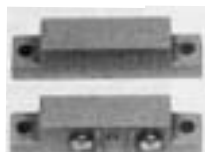
Pull Stations

No.	UPC	Desc.	Contact Amps	Volts AC	Volts DC
270-SP0	22840	English Markings	3	30	60
270-SPOF	.....	French Markings	3	30	60
270-SPOB	.....	Bilingual French/English Markings	3	30	60
27193-10	.....	Surface Box - Cream	.....	.....	.....

Glass Replacement Rods

No.	UPC	Desc.
27165P	Replacement Break Rods

EDWARDS® Magnetic Switches



Activate a variety of signaling devices such as, commercial, industrial and residential burglar alarm systems.

No.	UPC	Color	Desc.
60	21402	Gray*	Normally Open; Circuit Closed w/Magnet Engaged
63	21408	White*	Normally Open; Circuit Closed w/Magnet Engaged
61	21404	Gray†	SPDT; For Open Circuit Systems or Central Office Operation
64	21410	White†	SPDT; For Open Circuit Systems or Central Office Operation
62	21406	Gray*	Normally Closed; Circuit Open w/Magnet Engaged
65	21412	White*	Normally Closed; Circuit Open w/Magnet Engaged

*100V AC/DC 500mA
†30V AC/DC 250mA

FEDERAL SIGNAL Warning Lights Stationary

For permanent mounting where regular 120V AC, 50/60 Hz line-voltage available. Serve any signaling or warning function, indoors or out, supplementing or supplanting audible signals. Range and intensity far exceed non-rotating lights.



No. 371L. Powerful 100W sealed beam lamp rotates beneath colored Lexan® dome; 60 flashes per min. Adjustable lamp angle; aluminum die-cast housing; instant inspection and relamping; mounts on 1" pipe, flat surface or light mounting bracket. UL Listed and CSA Approved for indoor/outdoor use. 9 1/8" dia. x 11 3/8" H.

No. 371. 200W sealed beam lamp with glass dome in amber, blue or red for use in high temperature areas. 60 flashes per min. Adjustable lamp angle; aluminum die-cast housing; instant inspection and relamping; mounts on 1" pipe, flat surface or light mounting bracket. UL Listed and CSA Approved for indoor/outdoor use. 9 1/8" dia. x 11 3/8" H.



No. 400. Light/Sound System. Complete warning system combination of light and sound in attractive housing; Lexan® dome in red, amber, blue or clear; houses strobe or 40W lamp with parabolic reflector. Bottom housing accommodates No. 350 horn or 50GC SelecTone 120V; order 400HMK for horn mounting and 400SMK for 50GC mounting. Audible device must be ordered separately. 6 5/16" dia. x 10 1/2" H.



No. 121S Compact 40W lamp and parabolic reflector; 120V AC operation; 60 flashes per min. Quick access for inspection or relamping with single screw clamp band; flange for 1/2" mounting on pipe, conduit or light mounting brackets. UL Listed for indoor use. 5 1/8" dia. x 6 1/2" H.



No. 225. Electraray® compact indoor/outdoor rotating 120V AC warning light. Injection molded parabolic reflector rotates around 25W bulb producing 90 flashes per min. Ready-to-mount on

1/2" pipe integral to base for conduit mounting. Lexan® dome available in amber, blue, clear, green and red. 5 1/2" dia. x 7 1/4" H.



No. 141. Electroflash® incandescent indoor/outdoor flashing light producing 70 flashes per min. Flasher unit with incandescent bayonet screw-in type bulb (120V AC only) secured to Lexan® base. 12, 24 and 36V DC and 120V AC. Lexan® Fresnel dome in amber, red or blue. 5 1/2" dia. x 5 1/8" H.



No. 27S. Economical small beacon ray; reflector revolves beam from 75W spot lamp; 60 flashes per min. Mounts on 1/2" pipe or light mounting brackets. UL Listed for indoor use. 6 1/4" dia. x 14 1/8" H.

Warning Lights

No.	UPC	Color	Volts	Amps	Lamp Watts
Rotating					
27S-120ASB	Amber	120AC	.64	75
27S-120BSB	Blue	120AC	.64	75
27S-120RSB	Red	120AC	.64	75
121S-120ASB	Amber	120AC	.33	40
121S-120BSB	Blue	120AC	.33	40
121S-120GSB	Green	120AC	.33	40
121S-120RSB	Red	120AC	.33	40
225-120A	Amber	120AC	.22	25
225-120B	Blue	120AC	.22	25
225-120R	Red	120AC	.22	25
371-120A	Amber	120AC	1.70	200
371-120B	Blue	120AC	1.70	200
371-120R	Red	120AC	1.70	200
371-125A	Amber	125DC	1.60	200
371-125B	Blue	125DC	1.60	200
371-125R	Red	125DC	1.60	200
371L-120A	Amber	120AC	1.70	100
371L-120A-1Z*	Amber	120AC	1.70	100
371L-120B	Blue	120AC	1.70	100
371L-120R	Red	120AC	1.70	100
371L-120R-1Z*	Red	120AC	1.70	100
371L-125A	Amber	125DC	1.60	100
371L-125R	Red	125DC	1.60	100
Flashing					
141-012A	Amber	12DC	3.00	34
141-012B	Blue	12DC	3.00	34
141-012R	Red	12DC	3.00	34
141-024A	Amber	24DC	.90	21.5
141-024B	Blue	24DC	.90	21.5
141-024R	Red	24DC	.90	21.5
141-036A	Amber	36DC	.60	21.6
141-036B	Blue	36DC	.60	21.6



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No.	UPC	Color	Volts	Amps	Lamp Watts
141-036R	Red	36DC	.60	21.6
141-120A	Amber	120AC	.38	40
141-120B	Blue	120AC	.38	40
141-120R	Red	120AC	.38	40

*Shock mount



Corner

Mounting Brackets. Flashing. Sturdy easy to install brackets for use with Nos. 27S, 121S, 131ST/DST, 141/141ST, 225, 371, 371L, 371ST/DST & FB2ST/PST.

Mounting Brackets

No.	UPC	Mtg. Type
LWMB2		Wall
LCMB2		Corner

Replacement Lamps

No.	Desc.
K8107164A	For Series 121S-120V
K8107163A	For Series 225-120V

FEDERAL SIGNAL

Audible Signals
SelecTone®



No. 50GC. Reproduces crisp clear tone signals and highly intelligible voice messages. Compact 2W 2 1/2"D x 4 3/8"H unit for office or plant usage where ambient noise levels are not exceedingly high. 24V AC/DC and 120V AC available; sound output 88dBA at 10 ft.; equipped with gain control.

No. 300. For use on 12, 36 and 250 DC voltages. Only for full output tone signaling; heavy industry applications where voice paging not required. 15W speaker amplifier; rated at 110dB at 10-ft. 8 1/4"W x 12 1/4"H.



No. 300GC Stand-alone device or part of system on 24V AC/DC, 120 or 240V AC. Built-in volume control permits use in areas where ambient noise level does not require full output. Use with System Control units No. 300VSC, 300SCW and 300SSC where multiple tone signals and voice paging desired. 15W speaker amplifier; rated at 110dB at 10 ft. 8 1/4"D x 8"W x 12 1/4"H.



No. 302GC 30W speaker provides extra signaling power in high noise locations. Internal gain control adjusts to allow various sound levels. Available in 24V AC/DC, 120 and 240V AC; rated at 114dB at 10 ft.; 11"W x 14"H.

Explosion-Proof Speaker Amplifiers



No. 300X For hazardous areas. Listed for Class I, Division 1, Group B, C, and D gas atmospheres and Class II, Division 1; Groups E, F and G. 24V AC/DC and 120/240V AC; 15W speaker amplifier; rated at 104dB at 10 ft. Equipped with gain control. 14 3/16"D x 8 7/8"W x 14 3/4"H.



No. 302X For hazardous areas. Listed for Class I, Division 1; Groups B, C and D gas atmospheres and Class II, Division 1; Groups E, F and G. 24V AC/DC only; 30W output capability of 114dB at 10 ft. Equipped with gain control. 20 3/4"D x 16 5/16"W x 18 5/16"H.

Division 2 Listed Explosion-Proof Speaker Amplifiers



No. 300GCX. For Division 2 hazardous locations. External mounting; corrosion-resistant gray enamel paint; fuel-resistant conformal coating protects PC board and components. 15W speaker; rated at 110dB at 10 ft. Equipped with gain control. 8 1/4"D x 8"W x 12 1/4"H.



No. 302GCX. For Division 2 hazardous, high noise locations; extra signaling power 30W speaker. High-powered version of No. 300GCX; rated at 114dB at 10 ft. Equipped with gain control. 11"D x 10"W x 14"H.

Audible Signals

No.	UPC	dB 10'	Volts	Hz Cycles	Amps
2W Output					
50GC-0248G	88	24AC/DC	50/60/DC	.22/.07
50GC-1208G	88	120AC	50/60	.033
15W Output					
300GC-024	110	24AC/DC	50/60/DC	1.25/.55
300GC-120	110	120AC	50/60	.270
300GC-240	110	240AC	50/60	.120
300GCX-024	110	24AC/DC	50/60/DC	2.5/1.1
300GCX-120	110	120AC	50/60	.5
300X-024	104	24AC/DC	50/60/DC	1.3/.5
300X-120	104	120AC	50/60/DC	1.3/.5
300X-240	104	240AC	50/60	.12
300-012	110	12DC	DC	1.25
300-036	110	36DC	DC	.6
300-250	110	250DC	DC	.65
30W Output					
302GC-120	114	120AC	50/60	.55
302GC-240	114	240AC	50/60	.27
302GCX-024	114	24AC/DC	50/60/DC	2.5/1.1
302GCX-120	114	120AC	50/60	.55
302X-024	114	24AC/DC	50/60/DC	1.5/1.1



Plug-in & Field Changeable Tone Modules

No.	UPC	Desc.
30W Output		
TM1		Wail; Conventional Siren
TM2		Yelp; Rapid Siren
TM3		Hi-Lo; Alternating High & Low
TM4		Bell; Adjustable Pitch & Repetition Rate
TM5		Yeow; Descending High-to-Low
TM6		Horn; Steady
TM7		Beep; Slow Intermittent Horn
TM8		Stutter; Rapid Intermittent Horn
TM9		Slow Whoop; Ascending Low-to-High
TM10		Gradual Horn; Ascending Volume for Start/Stop Work
TM11		Temporal Slow Whoop; NFPA Coded Whoop
TM12		Westminster Chime
TM13		Radiation Alarm

FEDERAL SIGNAL

Signal Bells
Vibratone®



Signal general alarm, time and danger. Single stroke AC and vibrating AC/DC type; single stroke bells may be used for coding and paging. Indoor or outdoor usage with weatherproof back box, in areas up to 200' radius. Low current consumption. Modular design uses 1 basic mechanism with option of 4", 6" and 10" gong; accessories available for wide variety of mountings. Basic model mounts on standard 4" outlet boxes. UL Listed. CSA Approved.

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Signal Bells

No.	UPC	10' dB Min.*	Volts	Amps
AC 50/60 Hz Cycle				
500-024-1	29990	98	24	.40
500-120-1	30000	98	120	.08
500-240-1	30005	98	240	.04
600-006-1	30920	98	6	1.60
DC Style				
600-012-1	30925	98	12	.80
600-024-1	30930	98	24	.40
600-125-1	30935	98	125	.08
600-250-1	30940	98	250	.03
Single-Stroke - AC 60 Hz Cycle				
700-024-1	31990	103	24	.80
700-120-1	32000	103	120	.16

*Measurement taken with 4" gong.

Accessories

No.	Desc.
A4	4" Gong Assembly
A6	6" Gong Assembly
A10	10" Gong Assembly
FBL	Deep Wall Box for Flush Mtg.; Zinc Plated
FG	Grille Plate for Flush Mtg.
SF	Semi-Flush Wall Plate
NB	4" Sq. Interior Knockout Box
WB	Gasketed Weatherproof Box
PR	Projector
PR2	Double Projector

Our staff is ready to assist you with all your Signaling needs. Give them a call!

FEDERAL SIGNAL

Backup Alarms



Solid state audible warning device with glass reinforced plastic weatherproof enclosure. Universal 2-bolt mounting. For use on vehicles that operate in populated areas. Black color. Operating voltage: 12 to 48V DC. Operating current: 0.20A. Sound output level: horn tone, 97 dBA (± 4 dB) at 4' with equal ON/Off pulses 60 times per min. Temperature range: -40° C to $+75^{\circ}$ C.

No.	UPC	Dim., in.			Wt. Oz.
		H	W	D	
252-012-048	29920	2 1/4	4	1 1/4	9

FEDERAL SIGNAL

Signal Horns Vibratone®



Basic Unit



NB Box



WB Box



SF Plate



CC Plate



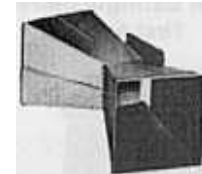
FG Grill



FBL Box



PR Projector



PR2 Projector

For coding and paging, start/dismissal signalling in indoor and outdoor areas; up to 200' radius. Variety of types and models in standard 12/24/120/240V AC 60 Hz and 12/24/125/250V DC. Accessories available for mounting on 1/2" conduit to produce variety of designs and mountings; add flush box and grille for completely flush horn; add single or double projectors for directional sound output.

Series 350. AC basic low current horn unit; consists of horn mechanism with diaphragm attached to grille; mounts on panels, in cabinets or on 4" sq. outlet boxes. Gray finish; mounting screws and wire nuts for connecting leads furnished. 4"x4"x2 1/2".

Series 450. DC basic unit; consists of horn mechanism with diaphragm attached to grille; mounts on panels, in cabinets or on 4" sq. outlet boxes. Gray finish; mounting screws and wire nuts for connecting leads furnished. UL listed; CSA approved.

No.	UPC	dB 10'	Volts	Amps
AC 50/60 Hz				
350-012-30	20510	100	12	.9
350-024-30	20520	100	24	.9
350-120-30	20530	100	120	.18
350-240-30	20540	100	240	.09
DC Voltage				
450-012-30	21410	97 min.	12	.125
450-012-31	21415	97 min.	12	.5
450-024-31	21420	97 min.	24	.25
450-125-30	21430	97 min.	125	.050
450-250-30	21440	97 min.	250	.025

COLEMAN SAFETY & SECURITY PRODUCTS

Smoke Alarms Firex®



For residential use. Dual chamber ionization principle, fire warning when smoke invisible. Operational limits: 40°F to 100°F (0°C-49°C); 10% to 93% relative humidity.

Convection-flow design for quicker smoke entry; 85 decibels at 10' alarm. 4 7/8" diameter. 1 3/4" depth. Units twist-lock onto separate mounting brackets. UL Listed.

No. 0461. 4" diameter. 1 1/8" depth.

Alarms

No.	UPC	Replaces Model No.	Desc.
120V AC Units			
0420	00420		120 Station
0418	00418	FXW-1A	18 Station
0406	00406	FX1020	6 Station
0421	00421	FX1014	Single Station
0420C	00420		120 Station
0418C	00418	FXW-1A	18 Station
0406C	00406	FX1020	6 Station
0421C	00421	FX1014	Single Station
120V AC Units w/9V DC Backup			
4418	04418	FX-1218	18 Station
4518	04518		18 Station w/False Alarm Control
0440	00440		40 Station
4418C	04418	FX-1218	18 Station
4518C	04518		18 Station w/False Alarm Control
0440C			40 Station
9V DC Powered			
0469	00469	FXBL	w/Flashing Safety Light
0465	00465	FX890	False Alarm Control
0462	00462	FXB-1A	LED Power Indicator
0461	00461	FX830	Basic Protection
0469C	00469	FXBL	w/Flashing Safety Light
0465C	00465	FX890	False Alarm Control
0462C	00462	FXB-1A	LED Power Indicator
0461C	00461	FX830	Basic Protection

Accessories

No.	Desc.
0499	Relay for Nos. FX1218, 0440, 0420, 0418, 0406

FIRST ALERT® Fire Extinguishers First Alert®



FE10G

No. **FE10G**. Garage/Workshop. Fight grease, oil and electrical fires. SureGrip™ trigger. Pressure gauge. Contain USCG approved bracket.

No. **FE1A10G**. General Household. Multi-purpose. Fight paper, wood, fabric, plastic, oil, grease and electrical fires. SureGrip™ trigger. Pressure gauge. USCG approved bracket.

UL Rated 1-A:10-B:C.

No. **KFE2S5**. Kitchen. Compact size fights oil, grease and electrical fires. Decorative styling. Contain wall-mount bracket for convenient storage.

No. **FESA5**. Automotive. Compact size for auto use. Fight oil, grease and electrical fires. Bracket provides protection and allows for mounting in truck or car.

No. **FE5G**. Recreational. For trucks, boats, vans, and campers. Fight oil, grease and electrical fires. SureGrip™ trigger. Pressure gauge. USCG bracket approved for marine use.

No. **FE2A10**. Heavy duty. For offices, businesses, and homes. Rechargeable. Fight paper, fabric, plastic, oil, grease and electrical fires. Easy to read gauge. Include wall mount bracket.

UL Rated 2-A:10-B:C.

No. **FE10A60**. Commercial. For heavy duty industrial and multi-purpose applications. Rechargeable. Fight paper, wood, fabric, plastic, oil, grease and electrical fires. Contain wall mount bracket.

UL Rated 10-A:60-B:C.

No.	UPC	Desc.
FE10G	.....	Garage/Workshop
FE1A10G	.....	General Household
KFE2S5	73000	Kitchen
FESA5	74102	Automotive
FE5G	.....	Recreational Plus
FE2A10	75200	Heavy Duty
FE10A60	.....	Commercial

BRK

Carbon Monoxide (CO) Detectors w/SensorPack™ Module



Constant monitoring of air for carbon monoxide. 85 dB alarm activates before carbon monoxide reaches dangerous levels.

Install SensorPack Module in sliding drawer for easy replacement; drawer will not close without SensorPack Module in place. Push button tests all detector functions.

Low power signal activates for low battery or when SensorPack Module needs replaced. UL listed 2034 Standard.

No. **BRKDCO**. Powered by a replaceable BRK SensorPack Module which contains a 9V battery.

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LED light flashes approximately once a minute to indicate unit is receiving power.

No. BRKDCO. Wires in to 120V AC w/battery backup. LED light is on to indicate unit is receiving power. Interconnectable with up to 11 other detectors.

No. BRKDCO BRKCO	UPC 85410	Power AC/Battery Backup Battery
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BRK Smoke & Fire Detectors First Alert®



Hinged safety cover, flashing power LED, and 30 day low battery signal.

No. SA67D	UPC	Desc. w/9V Battery
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BRK Smoke Detectors



83R



2002



3001



4919



5919



5919TH

Wall or ceiling mount. 85 dB alarm horns, full-function test switches, flashing LED power indicators. Insect resistant screens minimize false alarms.

No. 83R. Dual chamber ionization sensor. Low profile. 9V battery operated (included). Hinged cover for easy battery replacement; cover will not close without battery. Surface mount; hardware included. Meet UL 217 standard.

No. 2002. Photoelectric sensor tests air every 10 seconds. Twist-on bracket with tamperproof option. 9V battery operated (included). Will not install without battery. Meet UL 217 standard.

No. 3001. Dual chamber ionization and photoelectric system. Photoelectric sensor samples

air every 10 seconds. Detects flaming or smoldering fires. Twist-on bracket with tamperproof option. 9V battery operated (included). Detector will not install without battery. Two buttons to test both detector functions. Meet UL 217 standards.

No. 4919. Dual ionization sensor. Designed for single and multiple station use, up to 12 units. Compact. White. 120V AC, 60 Hz. Include plug-in connectors and plastic brackets that mount easily to standard junction boxes ≤4". No gasket needed. Stainless steel chamber. Special shielding for RF immunity. Operating temperature range -40°F to 100°F (4°C to 38°C). Relative humidity range 10% to 90%. 4.3" diameter. 1.75" height. 5.2 oz. Interconnected units must receive power from same fuse or breaker. Meet UL 217 Standards. Meet FCC Standard for lightning protection.

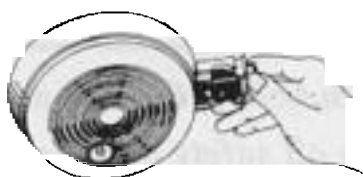
No. 5919. Photoelectric sensors designed to sample air every 5 seconds. Easy mount brackets are tamperproof and cover drywall holes. Designed for single and multiple station use, up to 12 units. Compact. White. 120V AC, 60 Hz. Include plug-in connectors, plastic brackets that mount easy to 3" and 4" octagon, 4" square or single gang boxes. Special shielding for RF immunity. Operating temperature range -40°F to 100°F (4°C to 38°C). Relative humidity range 10% to 90%. 5.5" diameter. 2.5" height. 8 oz. Interconnected units must receive power from same fuse or breaker. Meet UL 217 Standards. Meet FCC Standard for lightning protection.

No. 5919TH. Photoelectric sensors designed to sample air every 5 seconds. Easy mount brackets are tamperproof and cover drywall holes. Designed for single and multiple station use, up to 12 units. Compact. White. 120V AC, 60 Hz. Include plug-in connectors, plastic brackets that mount easy to 3" and 4" octagon, 4" square or single gang boxes. Special shielding for RF immunity. Operating temperature range -40°F to 100°F (4°C to 38°C). Activates at 135°F. Separate thermal sensors can be connected to central control panels, have own plug-in connectors. Rated 3A at 125V AC; 1A at 30V DC. Relative humidity range 10% to 90%. 5.5" diameter. 2.5" height. 8 oz. Interconnected units must receive power from same fuse or breaker. Meet UL 217 Standards. Meet FCC Standard for lightning protection.

No.	UPC	Type
83R	50400	Dual Ionization
2002	50700	Photoelectric
3001	50800	Photoelectric & Dual Ionization
4919	50940	Compact Dual Ionization
5919	50930	Photoelectric
5919TH*	50931	Photoelectric

*Thermal sensor not connected to detector.

BRK Smoke Detectors First Alert® - AC/DC



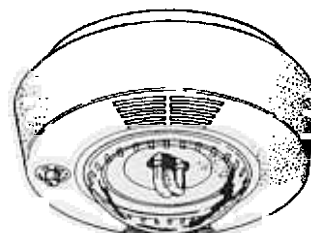
Protection even if AC power fails. Primary power operates on 120V AC, but has 9V battery backup. Interlock prevents battery drawer from closing without battery. Screened stainless steel dual chamber ionization sensor.

Equipped with 85 dB alarm horn and full-function test switch. Mounts using speedwire terminals. Interconnectable up to 12 units.

UL 217 Listed.

No. 86RAC	UPC 50500	Desc. Dual Chamber Ionization
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BRK Smoke Detectors First Alert® - AC



For hearing impaired. If harmful smoke levels detected, ionization sensor activates strobe. 177 candela strobe attracts attention and wakes people who cannot hear audible alarms. Flashes approx. 60-70 times/minute. For both single and multiple station use up to 12 units. Test button checks all detector and strobe functions. Bug screen helps reduce false alarms caused by insects. Install on ceilings or walls. Power-on LED. Interconnects with 4919, 5919, 5919TH 86RAC, and 100S. Meet requirements of the Americans with Disabilities Act. UL Listed.

UL 217. UL 1971.

No. 100S	UPC 50100	Desc. Strobe w/Dual Ionization
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BRK Carbon Monoxide (CO) Detectors w/SensorPack™ Module



Constant monitoring of air for carbon monoxide. 85 dB alarm activates before carbon monoxide reaches dangerous levels. Install SensorPack Module in sliding drawer for easy replacement; drawer will not close without SensorPack Module in place. Push button tests all detector functions. Low power signal activates for low battery or when SensorPack Module needs replaced. UL listed 2034 Standard.

No. BRKDCO. Powered by a replaceable BRK SensorPack Module which contains a 9V battery. LED light flashes approximately once a minute to indicate unit is receiving power.

No. BRKCO. Wires in to 120V AC w/battery backup. LED light is on to indicate unit is receiving power. Interconnectable with up to 11 other detectors.

No. BRKDCO BRKCO	UPC 85410	Power AC/Battery Backup Battery
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COLEMAN SAFETY & SECURITY PRODUCTS

Photoelectric Smoke Alarms

Firex



0480



0484

No. 0480. Photoelectric sensing chamber. Dimensions: 4"W×1"H. Operating ranges—Temperature: 40° to 100°F; Humidity: 10% to 93%. 100% solid state alarm circuit. Styleline™ design. Electronic horn with level of 85 decibels at 10 feet. Power-on LED indicator; warning beeps for 30 days when battery is low. Factory sealed housing. Bug resistant chamber design. Include 9V battery, separate metal mounting bracket, and mounting screws with anchors. Meet UL requirements of Standard 217.

No. 0484. Photoelectric sensing chamber. Dimensions: 4⁷/₈"W×1³/₁₆"H. Operating ranges—Temperature: 40° to 100°F; Humidity: 10% to 93%. 100% solid state alarm circuit. Styleline™ design. Electronic horn with level of 85 decibels at 10 feet. Interconnects with up to 18 units including Firex Nos. 0406, 0418, and 0420. LED power indicator. "Quick Connect" wiring harness. Includes separate mounting bracket. Meet UL requirements of Standard 217.

No.
0480
0484

UPC
00480
00484

Desc.
Uses 9V DC Battery
Uses 120V AC, 60 Hz
Interconnects 18 Units

COLEMAN SAFETY & SECURITY PRODUCTS

Hotel Room Annunciators

Air-Guard™



Two stage alarm. Provide warning and danger alarms for presence of carbon monoxide. Sensor automatically self cleans every 2½ minutes. Permanently installed sensors eliminate need for battery or sensor replacement. Thirteen caution and 13 hazard alarms, 85 dB at 10'. Reset to normal operation when CO no longer present. Cannot be manually reset. Lamps display current conditions: green for normal operation, amber for caution alarm levels and red for hazard alarm levels. Operate 32°F to 120°F, ½A. 4¼"L×2¾"W×1¾"D.

No. 06011. Plug-in unit with 6' cord. Standard 120V outlet. Security lock mounting tabs.

No. 06020. Direct-wire, low-voltage unit. Six station interconnect capability. Remote transformer reduces risk of electrical shock.

UPC
06011
06020

Desc.
Plug-in Unit
Direct Wire Unit

Volts
AC
120
120

*Don't compromise with safety. Get the professional assistance
you deserve on all safety and security products.
Call today for detailed product and application assistance!*