

Commercial and Industrial Sonalert® Audible Signal Devices



Catalog Number	Loudness Category	Mounting Method	Case Style	Frequency ± 500 Hz	Minimum Sound Pressure dB (A) at Two Feet		Operating Voltage * AC/DC Non-Polar All Others DC Only		Operating Current (mA)	
					At Min V	At Max V	■ Min	Max	At Min V	At Max V
Continuous Tones										
• SC110N	Loud	Panel	D	2900	80	95	* 30	*120	6	24
• SC250N	Loud	Panel	D	2900	80	90	* 60	*250	5	18
• SC307N	Loud	Panel	C	2900	80	90	3	7	3	9
• SC616N	Loud	Panel	C	2900	80	95	6	16	6	22
• SC616NL	Loud	Panel	C-3	2900	80	95	6	16	6	22
• SC628N	Loud	Panel	C	2900	80	90	6	28	6	23
• SC628ND	Loud	Panel	D	2000 ±300	75	95	6	28	3	15
SC616N-3	Loud	Printed Board	G	2900	80	95	6	16	6	22
• SC628NL	Loud	Panel	C-3	2900	80	90	6	28	6	23
• SC628AN	Loud	Panel	D	2900	80	95	* 6	* 28	4	30
• SC648AN	Loud	Panel	D	2900	80	95	* 10	* 48	4	26
SC648ND	Loud	Panel	D	1900 ±300	80	90	10	48	6	22
• SBM2	Medium	Printed Board	F	2900	55	68	1	5	3	16
• SBM428	Medium	Printed Board	F	2900	64	78	4	28	3	16
SNP2	Medium	Snap In Panel	B	2900	55	68	1	5	3	12
• SNP428	Medium	Snap In Panel	B	2900	64	76	4	28	3	18
• SC105	Medium	Panel	C	2900	60	75	1	5	3	16
• SC110	Medium	Panel	D	2900	68	80	* 30	*120	6	21
• SC110D	Medium	Panel	D	1900	60	75	* 30	*120	6	21
• SC110H	Medium	Panel	D	4500	68	80	* 30	*120	6	21
• SC250	Medium	Panel	D	2900	68	80	* 60	*250	5	18
• SC250D	Medium	Panel	D	1900	60	72	* 60	*250	5	16
SC250H	Medium	Panel	D	4500	68	80	* 60	*250	5	16
• SC416	Medium	Panel	C	2900	68	80	4	16	4	14
• SC628	Medium	Panel	C	2900	68	80	6	28	3	18
• SC628A	Medium	Panel	D	2900	68	80	* 6	* 28	6	23
• SC628AD	Medium	Panel	D	1900	60	75	* 6	* 28	6	23
SC628AH	Medium	Panel	D	4500	68	80	* 6	* 28	4	16
• SC628D	Medium	Panel	C	1900 ±300	60	75	6	28	6	23
• SC628H	Medium	Panel	C	4500	68	80	6	28	6	23
• SC628L	Medium	Panel	C-3	2900	68	80	6	28	6	23
▲ST628	Medium	Panel	C	2900	60	80	6	28	3	14
• SC648	Medium	Panel	C	2900	68	80	10	48	5	22
• SC648A	Medium	Panel	D	2900	68	80	* 10	* 48	4	16
• SC648AD	Medium	Panel	D	1900	60	75	* 10	* 48	4	16
SC648AH	Medium	Panel	D	4500	68	80	* 10	* 48	4	16
• SC648D	Medium	Panel	C	1900	60	75	10	48	6	23
SC648H	Medium	Panel	C	4500	68	80	10	48	4	16
SC1.5	Soft	Twist Tab	A	3500	60@1.5V		1	4	4@ 1.5V	
SC6	Soft	Twist Tab	A	3500	68@ 6V		4	8	12@ 6V	
SC12	Soft	Twist Tab	A	3500	70@ 12V		8	15	14@ 12V	
SC18	Soft	Twist Tab	A	3500	70@ 18V		14	20	16@ 18V	
SC24	Soft	Twist Tab	A	3500	70@ 24V		20	30	16@ 24V	
SNP428F	Soft	Snap In Panel	B	2900	52	68	4	28	0.5	3
SC110E	Soft	Panel	D	1900	55	65	* 30	*120	4	14
SC110F	Soft	Panel	D	2900	55	65	* 30	*120	2	6
SC250E	Soft	Panel	D	1900	55	65	* 60	*250	5	16
SC250F	Soft	Panel	D	2900	55	65	* 60	*250	2	6
SC628AE	Soft	Panel	D	1900	50	65	* 6	* 28	3	14
SC628AF	Soft	Panel	D	2900	50	65	* 6	* 28	2	6
SC628E	Soft	Panel	C	1900	55	68	6	28	3	11
SC628F	Soft	Panel	C	2900	55	70	6	28	2	4
SC648AE	Soft	Panel	D	1900	55	65	* 10	* 48	3	12

▲ Denotes High Trigger Model (Start Up Voltage Approximately 3 V).

* For AC Operation
(AC Voltage is RMS for 50 or 60 Hz Power Line)

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					At Min V	At Max V	■ Min	Max	At Min V	At Max V

Short Pulse

Turns on and off at .5 to 2 pulses per second depending upon voltage at 10% duty cycle.

• SC110K	Medium	Panel	E	2900	68	80	* 30	* 120	6	22
SC250K	Medium	Panel	E	2900	68	80	* 60	* 250	5	18
SC628K	Medium	Panel	D	2900	68	80	6	28	6	23
SC628AK	Medium	Panel	E	2900	68	80	* 6	* 28	4	16
SC648AK	Medium	Panel	E	2900	68	80	* 10	* 48	4	16
SC110FK	Soft	Panel	E	2900	55	65	* 30	* 120	4	16
SC250FK	Soft	Panel	E	2900	52	65	* 60	* 250	4	16
SC628FK	Soft	Panel	D	2900	50	65	6	28	4	14
SC628AFK	Soft	Panel	E	2900	50	70	* 6	* 28	3	14

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Intermittent Tones

Fast Pulse (1)	Slow Pulse (2)										
• SC110NP	• SC110NJ	Loud	Panel	D	2900	80	95	* 30	* 120	8	24
• SC616NP	• SC616NJ	Loud	Panel	C	2900	80	95	6	16	6	22
▶ SC616NP-10	—	Loud	Panel	D-4	2900	80	95	6	16	6	18
SC628NP	SC628NJ	Loud	Panel	D	2900	80	90	6	28	4	16
SC628NDP	—	Loud	Panel	D	2000 ±300	85	95	10	28	3	16
• SC628ANP	• SC628ANJ	Loud	Panel	D	2900	80	95	* 6	* 28	4	30
SC648ANP	SC648ANJ	Loud	Panel	D	2900	80	95	* 10	* 48	4	26
SBM616P	SBM616J	Medium	Printed Board	F	2900	68	78	6	16	3	12
• SC110DP	• SC110DJ	Medium	Panel	E	1900	60	75	* 30	* 120	6	20
SC110HP	SC110HJ	Medium	Panel	E	4500	68	80	* 30	* 120	6	20
• SC110P	• SC110J	Medium	Panel	E	2900	68	80	* 30	* 120	6	22
SC250DP	SC250DJ	Medium	Panel	E	1900	60	72	* 60	* 250	5	16
SC250HP	SC250HJ	Medium	Panel	E	4500	68	80	* 60	* 250	5	16
• SC250P	• SC250J	Medium	Panel	E	2900	68	78	* 60	* 250	4	16
SNP616P	SNP616J	Medium	Snap In Panel	B-1	2900	65	75	6	16	3	8
SC616P	SC616J	Medium	Panel	C-1	2900	68	78	6	16	2	9
SC616P-1	SC616J-1	Medium	Panel	C-11	2900	68	78	6	16	2	9
SC628ADP	SC628ADJ	Medium	Panel	E	1900 ±300	60	75	* 6	* 28	6	20
SC628AHP	SC628AHJ	Medium	Panel	E	4500	68	80	* 6	* 28	4	16
• SC628AP	• SC628AJ	Medium	Panel	E	2900	68	80	* 6	* 28	4	16
• SC628DP	• SC628DJ	Medium	Panel	D	1900 ±300	60	75	6	28	6	16
• SC628HP	• SC628HJ	Medium	Panel	D	4500	68	80	6	28	4	16
• SC628P	• SC628J	Medium	Panel	D	2900	68	80	6	28	6	26
SC648ADP	SC648ADJ	Medium	Panel	E	1900	60	75	* 10	* 48	4	20
• SC648AP	• SC648AJ	Medium	Panel	E	2900	68	80	* 10	* 48	6	21
SC110EP	SC110EJ	Soft	Panel	E	1900	55	65	* 30	* 120	4	14
SC110FP	SC110FJ	Soft	Panel	E	2900	55	65	* 30	* 120	4	16
SC250EP	SC250EJ	Soft	Panel	E	1900	55	68	* 60	* 250	5	16
SC250FP	SC250FJ	Soft	Panel	E	2900	55	65	* 60	* 250	4	16
SC628AEP	SC628AEJ	Soft	Panel	E	1900 ±300	50	65	* 6	* 28	4	16
SC628AFP	SC628AFJ	Soft	Panel	E	2900	50	65	* 6	* 28	4	12
SC628EP	SC628EJ	Soft	Panel	D	1900 ±300	50	65	6	28	3	14
SC628FP	SC628FJ	Soft	Panel	D	2900	50	65	6	28	3	14

(1) Turns on and off at 2 to 10 pulses per second depending upon voltage at 50% duty cycle.

(2) Turns on and off at .5 to 2 pulses per second depending upon voltage at 50% duty cycle.

▶ Pulse rate 2 to 10 pps with 10 second shutoff
• Denotes UL Models

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Dual Mode Operation											
Continuous or Fast Pulse (1)		Continuous or Slow Pulse (2)		When power terminals are connected, third terminal may be switched to open to select a continuous sound or switched to positive (+) to select a pulsing sound. Switching current is less than 2.0 milliamp.							
SC616NPU	---	Loud	Panel	D-1	2900	80	90	6	16	6	26
SBM616PU	SBM616JU	Medium	Printed Board	F	2900	68	78	6	16	3	12
SC616PU	SC616JU	Medium	Panel	C-7	2900	68	78	6	16	3	12
▶ SC616PU-1	▶ SC616JU-1	Medium	Panel	C-7	2900	68	80	6	16	2	12
---	▶ SC628JU-1	Medium	Panel	C-7	2900	68	80	6	28	3	25

▶ Has two negative hook-ups

Fast Warble (1)		Slow Warble (2)		Warble							
(+ Single package warbler. Pulse rate is 1.5pps (typical) @ 50% duty cycle.											
---	(+) SC110JW	Medium	Panel	D	1800-2800	68	80	* 30	*120	6	26
---	(+) SC616JW	Medium	Panel	C	1800-2800	68	80	6	16	6	26
---	(+) SC630JW	Medium	Panel	D	1800-2800	68	80	6	30	6	35
The following models must be used with SC628D or SC628H. Warble will then consist of two tones alternately.											
SC628W	SC628JW	Medium	Panel	D-1	2900	68	80	6	28	4	20
The following models must be used with with SC628E. Warble will then consist of two tones alternately.											
SC628FW	SC628FJW	Soft	Panel	D-1	2900	55	70	6	28	2	8

(1) Turns on and off at 2 to 10 pulses per second depending upon voltage at 50% duty cycle.

(2) Turns on and off at .5 to 2 pulses per second depending upon voltage at 50% duty cycle.

Chime Tone											
A pleasant sound which chimes every one or two seconds as long as voltage is applied. Pulse rate is 0.3 to 2 pps at 50% duty cycle.											
• SC110CP	Medium	Panel	E	2900	68	78	* 30	*120	6	22	
SC628CPN	Loud	Panel	C	2900	76	86	6	28	6	16	
SC628CPNL	Loud	Panel	C-3	2900	76	86	6	28	6	16	
• SC616CP	Medium	Panel	D	2900	68	78	6	16	6	23	
• SC616CPN	Loud	Panel	D	2900	76	86	6	16	6	23	

Chirp											
A unique sound which pulses at 20 to 60 pps.											
• SC110Q (AC Only)	Medium	Panel	C	2900	68	80	30 AC	120 AC	6	22	
SC616Q	Medium	Panel	C-1	2900	68	78	6	16	3	12	

Siren Tone											
• SC648S	Loud	Panel	D	1900-2900	80	90	10	48	38	80	
Sweep rate @ 5Hz (typical) ±1.5Hz					± 300 Hz						

• Denotes UL Models

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