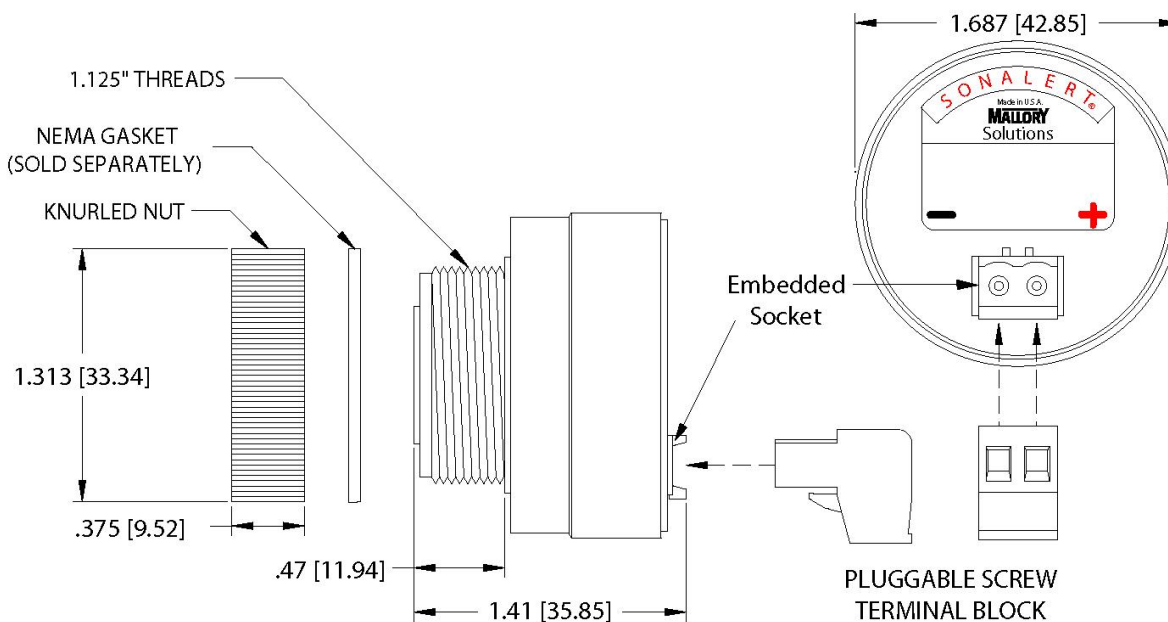




Product APPLICATION Guide

3 KHz 30 mm Panel Mount Alarms



NEMA 4X

CSA
C22.2 No. 94

KEY FEATURES:

- New Audible Sounds; 3 kHz Freq.
- Operating Voltage Levels from 6 Vdc to 120 Vac
- Sound Levels Up to 105 dB
- -40°C to 85°C Temperature Rating
- cUL Approved; RoHS Compliant
- NEMA 3R/4X/12, CSA C22.2 No. 94, and IP-66 (Order with P/N ACC03)
- New Termination System:
 - Finger Proof Safe Handling
 - Prevents Shock & Shorting
 - Saves Assembly Time & Labor

Continuous Tone Selection Guide

			SOUND LEVEL @ 2 FEET			
			Soft 65 to 75 dB	Medium 75 to 85 dB	Loud 85 to 95 dB	Extra Loud 95 to 105 dB
VOLTAGE RANGE	DC	6 to 16	SCE016SD3CTB	SCE016MD3CTB	SCE016LD3CTB	SCE016XD3CTB
		16 to 28	SCE028SD3CTB	SCE028MD3CTB	SCE028LD3CTB	SCE028XD3CTB
	AC OR DC	16 to 28	SCE028SA3CTB	SCE028MA3CTB	SCE028LA3CTB	SCE028XA3CTB
		28 to 48	SCE048SA3CTB	SCE048MA3CTB	SCE048LA3CTB	SCE048XA3CTB
		48 to 120	SCE120SA3CTB	SCE120MA3CTB	SCE120LA3CTB	SCE120XA3CTB

Slow, Medium, Fast Pulsing Tone Selection Guide

			SOUND LEVEL @ 2 FEET				Pulse Rate
			Soft 65 to 75 dB	Medium 75 to 85 dB	Loud 85 to 95 dB	Extra Loud 95 to 105 dB	
VOLTAGE RANGE	DC	6 to 16	SCE016SD3SP1B	SCE016MD3SP1B	SCE016LD3SP1B	SCE016XD3SP1B	Slow
			SCE016SD3MP1B	SCE016MD3MP1B	SCE016LD3MP1B	SCE016XD3MP1B	Medium
			SCE016SD3FP1B	SCE016MD3FP1B	SCE016LD3FP1B	SCE016XD3FP1B	Fast
		16 to 28	SCE028SD3SP1B	SCE028MD3SP1B	SCE028LD3SP1B	SCE028XD3SP1B	Slow
			SCE028SD3MP1B	SCE028MD3MP1B	SCE028LD3MP1B	SCE028XD3MP1B	Medium
			SCE028SD3FP1B	SCE028MD3FP1B	SCE028LD3FP1B	SCE028XD3FP1B	Fast
		28 to 48	SCE048SD3SP1B	SCE048MD3SP1B	SCE048LD3SP1B	SCE048XD3SP1B	Slow
			SCE048SD3MP1B	SCE048MD3MP1B	SCE048LD3MP1B	SCE048XD3MP1B	Medium
			SCE048SD3FP1B	SCE048MD3FP1B	SCE048LD3FP1B	SCE048XD3FP1B	Fast
	AC OR DC	16 to 28	SCE028SA3SP1B	SCE028MA3SP1B	SCE028LA3SP1B	SCE028XA3SP1B	Slow
			SCE028SA3MP1B	SCE028MA3MP1B	SCE028LA3MP1B	SCE028XA3MP1B	Medium
			SCE028SA3FP1B	SCE028MA3FP1B	SCE028LA3FP1B	SCE028XA3FP1B	Fast
		28 to 48	SCE048SA3SP1B	SCE048MA3SP1B	SCE048LA3SP1B	SCE048XA3SP1B	Slow
			SCE048SA3MP1B	SCE048MA3MP1B	SCE048LA3MP1B	SCE048XA3MP1B	Medium
			SCE048SA3FP1B	SCE048MA3FP1B	SCE048LA3FP1B	SCE048XA3FP1B	Fast
		48 to 120	SCE120SA3SP1B	SCE120MA3SP1B	SCE120LA3SP1B	SCE120XA3SP1B	Slow
			SCE120SA3MP1B	SCE120MA3MP1B	SCE120LA3MP1B	SCE120XA3MP1B	Medium
			SCE120SA3FP1B	SCE120MA3FP1B	SCE120LA3FP1B	SCE120XA3FP1B	Fast

Slow = 1 pulse per second

Medium = 5 pulses per second

Fast = 10 pulses per second

Distinctive Pulsing Tone Selection Guide

			SOUND LEVEL @ 2 FEET				Sound Description
			Soft 65 to 75 dB	Medium 75 to 85 dB	Loud 85 to 95 dB	Extra Loud 95 to 105 dB	
VOLTAGE RANGE	DC	6 to 16	SCE016SD3DP3B	SCE016MD3DP3B	SCE016LD3DP3B	SCE016XD3DP3B	Slow Double Beep
			SCE016SD3DP2B	SCE016MD3DP2B	SCE016LD3DP2B	SCE016XD3DP2B	Fast Double Beep
			SCE016SD3PS1B	SCE016MD3PS1B	SCE016LD3PS1B	SCE016XD3PS1B	Short Beep
			SCE016SD3CK1B	SCE016MD3CK1B	SCE016LD3CK1B	Not Available	Click
			SCE016SD3SU1B	SCE016MD3SU1B	SCE016LD3SU1B	SCE016XD3SU1B	Slow Speed-Up
			SCE016SD3SU2B	SCE016MD3SU2B	SCE016LD3SU2B	SCE016XD3SU2B	Fast Speed-Up
		16 to 28	SCE028SD3DP3B	SCE028MD3DP3B	SCE028LD3DP3B	SCE028XD3DP3B	Slow Double Beep
			SCE028SD3DP2B	SCE028MD3DP2B	SCE028LD3DP2B	SCE028XD3DP2B	Fast Double Beep
			SCE028SD3PS1B	SCE028MD3PS1B	SCE028LD3PS1B	SCE028XD3PS1B	Short Beep
			SCE028SD3CK1B	SCE028MD3CK1B	SCE028LD3CK1B	Not Available	Click
			SCE028SD3SU1B	SCE028MD3SU1B	SCE028LD3SU1B	SCE028XD3SU1B	Slow Speed-Up
			SCE028SD3SU2B	SCE028MD3SU2B	SCE028LD3SU2B	SCE028XD3SU2B	Fast Speed-Up
		28 to 48	SCE048SD3DP3B	SCE048MD3DP3B	SCE048LD3DP3B	SCE048XD3DP3B	Slow Double Beep
			SCE048SD3DP2B	SCE048MD3DP2B	SCE048LD3DP2B	SCE048XD3DP2B	Fast Double Beep
			SCE048SD3PS1B	SCE048MD3PS1B	SCE048LD3PS1B	SCE048XD3PS1B	Short Beep
			SCE048SD3CK1B	SCE048MD3CK1B	SCE048LD3CK1B	Not Available	Click
			SCE048SD3SU1B	SCE048MD3SU1B	SCE048LD3SU1B	SCE048XD3SU1B	Slow Speed-Up
			SCE048SD3SU2B	SCE048MD3SU2B	SCE048LD3SU2B	SCE048XD3SU2B	Fast Speed-Up
	AC OR DC	16 to 28	SCE028SA3DP3B	SCE028MA3DP3B	SCE028LA3DP3B	SCE028XA3DP3B	Slow Double Beep
			SCE028SA3DP2B	SCE028MA3DP2B	SCE028LA3DP2B	SCE028XA3DP2B	Fast Double Beep
			SCE028SA3PS1B	SCE028MA3PS1B	SCE028LA3PS1B	SCE028XA3PS1B	Short Beep
			SCE028SA3CK1B	SCE028MA3CK1B	SCE028LA3CK1B	Not Available	Click
			SCE028SA3SU1B	SCE028MA3SU1B	SCE028LA3SU1B	SCE028XA3SU1B	Slow Speed-Up
			SCE028SA3SU2B	SCE028MA3SU2B	SCE028LA3SU2B	SCE028XA3SU2B	Fast Speed-Up
		28 to 48	SCE048SA3DP3B	SCE048MA3DP3B	SCE048LA3DP3B	SCE048XA3DP3B	Slow Double Beep
			SCE048SA3DP2B	SCE048MA3DP2B	SCE048LA3DP2B	SCE048XA3DP2B	Fast Double Beep
			SCE048SA3PS1B	SCE048MA3PS1B	SCE048LA3PS1B	SCE048XA3PS1B	Short Beep
			SCE048SA3CK1B	SCE048MA3CK1B	SCE048LA3CK1B	Not Available	Click
			SCE048SA3SU1B	SCE048MA3SU1B	SCE048LA3SU1B	SCE048XA3SU1B	Slow Speed-Up
			SCE048SA3SU2B	SCE048MA3SU2B	SCE048LA3SU2B	SCE048XA3SU2B	Fast Speed-Up
		48 to 120	SCE120SA3DP3B	SCE120MA3DP3B	SCE120LA3DP3B	SCE120XA3DP3B	Slow Double Beep
			SCE120SA3DP2B	SCE120MA3DP2B	SCE120LA3DP2B	SCE120XA3DP2B	Fast Double Beep
			SCE120SA3PS1B	SCE120MA3PS1B	SCE120LA3PS1B	SCE120XA3PS1B	Short Beep
			SCE120SA3CK1B	SCE120MA3CK1B	SCE120LA3CK1B	Not Available	Click
			SCE120SA3SU1B	SCE120MA3SU1B	SCE120LA3SU1B	SCE120XA3SU1B	Slow Speed-Up
			SCE120SA3SU2B	SCE120MA3SU2B	SCE120LA3SU2B	SCE120XA3SU2B	Fast Speed-Up

Slow Double Beep = 1 double beep every 2 seconds

Fast Double Beep = 2 double beeps per second

Short Beep = 1 beep per second (on for 0.1 sec / off for 0.9 sec)

Click = 1 clicking sound per second

Slow Speed-Up = Over a 60 sec period, speed up from 1 beep every 2 sec to 8 beeps per sec

Fast Speed-Up = Over a 30 sec period, speed up from 1 beep every 2 sec to 8 beeps per sec

Distinctive Timing Tone Selection Guide

			SOUND LEVEL @ 2 FEET				Sound Description
			Soft 65 to 75 dB	Medium 75 to 85 dB	Loud 85 to 95 dB	Extra Loud 95 to 105 dB	
VOLTAGE RANGE	DC	6 to 16	SCE016SD3DL1B	SCE016MD3DL1B	SCE016LD3DL1B	SCE016XD3DL1B	10 Sec On-Delay Continuous Tone
			SCE016SD3SS1B	SCE016MD3SS1B	SCE016LD3SS1B	SCE016XD3SS1B	1 Min On-Time Continuous Tone
		16 to 28	SCE028SD3DL1B	SCE028MD3DL1B	SCE028LD3DL1B	SCE028XD3DL1B	10 Sec On-Delay Continuous Tone
			SCE028SD3SS1B	SCE028MD3SS1B	SCE028LD3SS1B	SCE028XD3SS1B	1 Min On-Time Continuous Tone
		28 to 48	SCE048SD3DL1B	SCE048MD3DL1B	SCE048LD3DL1B	SCE048XD3DL1B	10 Sec On-Delay Continuous Tone
			SCE048SD3SS1B	SCE048MD3SS1B	SCE048LD3SS1B	SCE048XD3SS1B	1 Min On-Time Continuous Tone
	AC OR DC	16 to 28	SCE028SA3DL1B	SCE028MA3DL1B	SCE028LA3DL1B	SCE028XA3DL1B	10 Sec On-Delay Continuous Tone
			SCE028SA3SS1B	SCE028MA3SS1B	SCE028LA3SS1B	SCE028XA3SS1B	1 Min On-Time Continuous Tone
		28 to 48	SCE048SA3DL1B	SCE048MA3DL1B	SCE048LA3DL1B	SCE048XA3DL1B	10 Sec On-Delay Continuous Tone
			SCE048SA3SS1B	SCE048MA3SS1B	SCE048LA3SS1B	SCE048XA3SS1B	1 Min On-Time Continuous Tone
		48 to 120	SCE120SA3DL1B	SCE120MA3DL1B	SCE120LA3DL1B	SCE120XA3DL1B	10 Sec On-Delay Continuous Tone
			SCE120SA3SS1B	SCE120MA3SS1B	SCE120LA3SS1B	SCE120XA3SS1B	1 Min On-Time Continuous Tone

Multi-Tone (4 Tones) Selection Guide

		SOUND LEVEL @ 2 FEET				Sound Description
		Soft 65 to 75 dB	Medium 75 to 85 dB	Loud 85 to 95 dB	Extra Loud 95 to 105 dB	
VOLTAGE RANGE	6 - 16 Vdc	SCE016SD3MG3B	SCE016MD3MG3B	SCE016LD3MG3B	SCE016XD3MG3B	Multi-Tone A
		SCE016SD3MG4B	SCE016MD3MG4B	SCE016LD3MG4B	SCE016XD3MG4B	Multi-Tone B
		SCE016SD3MG5B	SCE016MD3MG5B	SCE016LD3MG5B	SCE016XD3MG5B	Multi-Tone C
	16 - 28 Vdc	SCE028SD3MG3B	SCE028MD3MG3B	SCE028LD3MG3B	SCE028XD3MG3B	Multi-Tone A
		SCE028SD3MG4B	SCE028MD3MG4B	SCE028LD3MG4B	SCE028XD3MG4B	Multi-Tone B
		SCE028SD3MG5B	SCE028MD3MG5B	SCE028LD3MG5B	SCE028XD3MG5B	Multi-Tone C
	28 - 48 Vdc	SCE048SD3MG3B	SCE048MD3MG3B	SCE048LD3MG3B	SCE048XD3MG3B	Multi-Tone A
		SCE048SD3MG4B	SCE048MD3MG4B	SCE048LD3MG4B	SCE048XD3MG4B	Multi-Tone B
		SCE048SD3MG5B	SCE048MD3MG5B	SCE048LD3MG5B	SCE048XD3MG5B	Multi-Tone C

Multi-Tone A = Continuous, Slow Double Beep, Quick Beep, Fast Warble

Multi-Tone B = Continuous, Slow Double Beep, Quick Beep, Slow Warble

Multi-Tone C = Continuous, Slow Double Beep, Fast Warble, Fast Siren

Note: For any given sound level category, not all tone types may be at that sound level. See data sheets for details.

Chime, Warble, Siren Tone Selection Guide

			SOUND LEVEL @ 2 FEET			Sound Description
			Soft 65 to 75 dB	Medium 75 to 85 dB	Loud 85 to 95 dB	
VOLTAGE RANGE	DC	6 - 16	See Note	SCE016MD3CM1B	SCE016LD3CM1B	Chime
			SCE016SD3DT7B	SCE016MD3DT7B	SCE016LD3DT7B	Fast Warble
			SCE016SD3DT8B	SCE016MD3DT8B	SCE016LD3DT8B	Slow Warble
			SCE016SD3SR3B	SCE016MD3SR3B	SCE016LD3SR3B	Fast Siren
			SCE016SD3SR4B	SCE016MD3SR4B	SCE016LD3SR4B	Slow Siren
		16 - 28	See Note	SCE028MD3CM1B	SCE028LD3CM1B	Chime
			SCE028SD3DT7B	SCE028MD3DT7B	SCE028LD3DT7B	Fast Warble
			SCE028SD3DT8B	SCE028MD3DT8B	SCE028LD3DT8B	Slow Warble
			SCE028SD3SR3B	SCE028MD3SR3B	SCE028LD3SR3B	Fast Siren
			SCE028SD3SR4B	SCE028MD3SR4B	SCE028LD3SR4B	Slow Siren
		28 - 48	See Note	SCE048MD3CM1B	SCE048LD3CM1B	Chime
			SCE048SD3DT7B	SCE048MD3DT7B	SCE048LD3DT7B	Fast Warble
			SCE048SD3DT8B	SCE048MD3DT8B	SCE048LD3DT8B	Slow Warble
			SCE048SD3SR3B	SCE048MD3SR3B	SCE048LD3SR3B	Fast Siren
			SCE048SD3SR4B	SCE048MD3SR4B	SCE048LD3SR4B	Slow Siren
	AC OR DC	16 - 28	See Note	SCE028MA3CM1B	SCE028LA3CM1B	Chime
			SCE028SA3DT7B	SCE028MA3DT7B	SCE028LA3DT7B	Fast Warble
			SCE028SA3DT8B	SCE028MA3DT8B	SCE028LA3DT8B	Slow Warble
			SCE028SA3SR3B	SCE028MA3SR3B	SCE028LA3SR3B	Fast Siren
			SCE028SA3SR4B	SCE028MA3SR4B	SCE028LA3SR4B	Slow Siren
		28 - 48	See Note	SCE048MA3CM1B	SCE048LA3CM1B	Chime
			SCE048SA3DT7B	SCE048MA3DT7B	SCE048LA3DT7B	Fast Warble
			SCE048SA3DT8B	SCE048MA3DT8B	SCE048LA3DT8B	Slow Warble
			SCE048SA3SR3B	SCE048MA3SR3B	SCE048LA3SR3B	Fast Siren
			SCE048SA3SR4B	SCE048MA3SR4B	SCE048LA3SR4B	Slow Siren
		48 - 120	See Note	SCE120MA3CM1B	SCE120LA3CM1B	Chime
			SCE120SA3DT7B	SCE120MA3DT7B	SCE120LA3DT7B	Fast Warble
			SCE120SA3DT8B	SCE120MA3DT8B	SCE120LA3DT8B	Slow Warble
			SCE120SA3SR3B	SCE120MA3SR3B	SCE120LA3SR3B	Fast Siren
			SCE120SA3SR4B	SCE120MA3SR4B	SCE120LA3SR4B	Slow Siren

Note: For soft chime, purchase medium chime & use volume shutter P/N SCVC (purchased separately)

Call 317-612-1000 or Visit www.mallory-sonalert.com for More Details