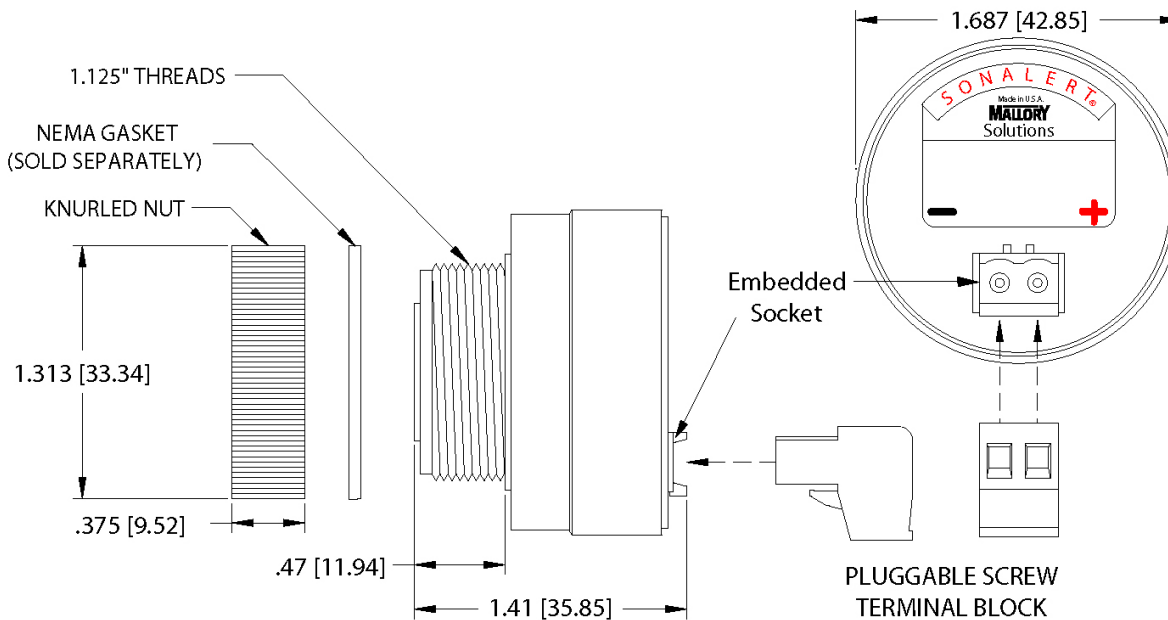


# MALLORY

MALLORY SONALERT PRODUCTS, INC.

# Product APPLICATION Guide

## Solutions Distinctive Pulsing Audible Alarms Panel Mount Alarms w/Terminal Block Termination



cUL  
Approved

RoHS

NEMA 4X

CSA  
C22.2 No. 94

### KEY FEATURES:

- Five New Distinctive Pulsing Sounds:
  - Double Beep
  - Quick Beep
  - Short Beep
  - Clicking Sound
  - Pulse Rates That Speed Up
- More Noticeable Than Traditional Beeping Alarm Sounds
- Custom Beeping Patterns Upon Request
- 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
- Also Available with Screw Terminals and Flat Blade Terminals

## Sound Descriptions

- Double Beep (i.e. Beep Beep, Pause, Beep Beep, Pause, etc.):
  - Slow = 1 Double Beep every two seconds
  - Fast = 1 Double Beep every half second
- Short Beep (“On” for 0.1 seconds / “Off” for 0.9 seconds):
  - 1 Short beep every second
- Quick Beep (Chirp): 60 Beeps per second
- Clicking Sound: 1 Clicking Sound per second
- Beepers that Speed Up:
  - Slow = Over a 60 second period, speed up from 1 beep every 2 seconds to 8 beeps per second
  - Fast = Over a 30 second period, speed up from 1 beep every 2 seconds to 8 beeps per second

## Part Number Structure

|                                                                                        |     |     |   |   |   |     |   |
|----------------------------------------------------------------------------------------|-----|-----|---|---|---|-----|---|
|                                                                                        | SCE | 016 | X | D | 3 | DP3 | B |
| <u>Series</u> : SCE = Solutions                                                        |     |     |   |   |   |     |   |
| <u>Maximum Voltage</u> : _____                                                         |     |     |   |   |   |     |   |
| <b>016</b> = 6 - 16; <b>028</b> = 16 - 28; <b>048</b> = 28 - 48; <b>120</b> = 48 - 120 |     |     |   |   |   |     |   |
| <u>Sound Level</u> : _____                                                             |     |     |   |   |   |     |   |
| <b>X</b> = Extra Loud (95 - 105 dB) <b>L</b> = Loud (85 - 95 dB)                       |     |     |   |   |   |     |   |
| <b>M</b> = Medium (75 - 85 dB) <b>S</b> = Soft (6 - 75 dB)                             |     |     |   |   |   |     |   |
| <u>Voltage Type</u> : _____                                                            |     |     |   |   |   |     |   |
| <b>D</b> = DC Only; <b>A</b> = AC or DC                                                |     |     |   |   |   |     |   |
| <u>Frequency</u> : <b>3</b> = 2,400 - 3,400                                            |     |     |   |   |   |     |   |
| <u>Function</u> : _____                                                                |     |     |   |   |   |     |   |
| <b>DP3</b> = Slow Double Beep <b>DP2</b> = Fast Double Beep <b>PS1</b> = Short Beep    |     |     |   |   |   |     |   |
| <b>QP1</b> = Quick Beep <b>CK1</b> = Click Sound                                       |     |     |   |   |   |     |   |
| <b>SU1</b> = Slow Speed-Up Beep <b>SU2</b> = Fast Speed-Up Beep                        |     |     |   |   |   |     |   |
| <u>Termination</u> : _____                                                             |     |     |   |   |   |     |   |
| <b>B</b> = Terminal Block; <b>S</b> = Screw Terminal; <b>F</b> = Flat Blade Terminal   |     |     |   |   |   |     |   |

# Selection Chart

|               |    | SOUND LEVEL @ 2 FEET |                       |                     |                            | Sound Description |                  |
|---------------|----|----------------------|-----------------------|---------------------|----------------------------|-------------------|------------------|
|               |    | Soft<br>65 to 75 dB  | Medium<br>75 to 85 dB | Loud<br>85 to 95 dB | Extra Loud<br>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       |
|               |    |                      | SCE016SD3QP1B         | SCE016MD3QP1B       | SCE016LD3QP1B              | SCE016XD3QP1B     | Quick 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       |
|               |    |                      | SCE028SD3QP1B         | SCE028MD3QP1B       | SCE028LD3QP1B              | SCE028XD3QP1B     | Quick 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       |
|               |    |                      | SCE048SD3QP1B         | SCE048MD3QP1B       | SCE048LD3QP1B              | SCE048XD3QP1B     | Quick 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       |
|               |    |                      | SCE028SA3QP1B         | SCE028MA3QP1B       | SCE028LA3QP1B              | SCE028XA3QP1B     | Quick 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       |
|               |    |                      | SCE048SA3QP1B         | SCE048MA3QP1B       | SCE048LA3QP1B              | SCE048XA3QP1B     | Quick 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       |
|               |    |                      | SCE120SA3QP1B         | SCE120MA3QP1B       | SCE120LA3QP1B              | SCE120XA3QP1B     | Quick Beep       |
|               |    |                      | SCE120SA3CK1B         | SCE120MA3CK1B       | SCE120LA3CK1B              | Not Available     | Click            |
|               |    |                      | SCE120SA3SU1B         | SCE120MA3SU1B       | SCE120LA3SU1B              | SCE120XA3SU1B     | Slow Speed-Up    |
|               |    |                      | SCE120SA3SU2B         | SCE120MA3SU2B       | SCE120LA3SU2B              | SCE120XA3SU2B     | Fast Speed-Up    |

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