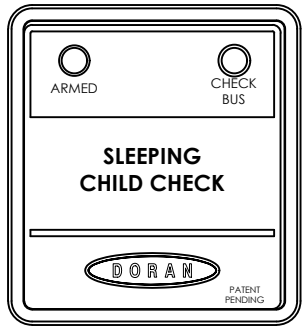
SEQUENCE OF OPERATION:



1. BATTERY ON, IGNITION OFF, SYSTEM NOT ARMED - MODULE IS IN SLEEP MODE AND PERFORMS NO ACTIONS

2. BATTERY ON, IGNITION ON, SYSTEM NOT ARMED - MODULE IS IN STANDBY MODE AND IS READY TO RECEIVE INPUTS.
   NOTE: IF IGNITION IS TURNED OFF, BEFORE ARMING, THE MODULE RETURNS TO SLEEP MODE.

3. BATTERY ON, IGNITION ON, +12VDC SIGNAL APPLY TO PIN 11 - MODULE IS PLACED INTO ARMED MODE.
   THE ARMED LED ON MODULE WILL ILLUMINATE.
   NOTE: THE +12VDC SIGNAL APPLIED TO PIN 11 MAY BE A TEMPORARY SIGNAL, HOWEVER THE MODULE WILL REMAIN ARMED UNTIL IT HAS BEEN RESET.
   NOTE: A WIRE JUMPER CAN BE INSTALLED BETWEEN PINS 14 AND 4 OR BETWEEN PINS 14 AND 5 TO ALLOW THE MODULE TO SELF-ARM AFTER 10 MINUTES OF THE IGNITION SIGNAL CONTINUOUSLY BEING PRESENT.

4. BATTERY ON, IGNITION OFF, MODULE ARMED - MODULE RESET BUTTON NOT PRESSED - MODULE WILL OUTPUT A GROUND FROM PIN 13 TO OPERATE DOME LIGHTS.
   THE CHECK BUS LED ON MODULE WILL FLASH.
   NOTE: THE INTERIOR DOME LIGHTS WILL REMAIN ON INDEFINITELY IF THE MODULE IS NOT RESET.
   NOTE: IF THE IGNITION SIGNAL IS TURNED BACK ON BEFORE THE MODULE IS RESET OR A +12VDC SIGNAL IS PRESENT ON PIN 6 (ACC, MAINTAIN), THE MODULE WILL GO BACK TO AN ARMED STATUS AND THE CHECK BUS LED WILL EXTINGUISH.

5. BATTERY ON, IGNITION OFF, MODULE ARMED, MODULE RESET BUTTON PRESSED (GROUND APPLIED TO PIN 10) - DOME LIGHTS WILL FLASH AND THEN REMAIN ON FOR AN ADDITIONAL 60 SECONDS, ALL LED'S ON, MODULE WILL EXTINGUISH.
   NOTE: THE DOOR SW SIGNAL GROUND INPUT AT PIN 9 OF THE MODULE MUST NOT BE PRESENT WHEN RESETTING THE SYSTEM. IF A GROUND INPUT IS PRESENT AT PIN 9 WHILE PRESSING THE RESET BUTTON, THE MODULE WILL NOT RESET.

6. STEPS 4 AND 5 ABOVE ASSUME THE MODULE ALARM OUTPUT HAS NOT BEEN SET. THE REMAINING STEPS WILL PERTAIN TO THE MODULE ALARM OUTPUT.

7. BATTERY ON, IGNITION OFF, MODULE ARMED, DOOR SWITCH SIGNAL GROUND INPUT APPLIED TO PIN 9 BEFORE MODULE RESET BUTTON PRESSED - MODULE WILL OUTPUT +12VDC FROM PIN 15 TO OPERATE ALARM.
   NOTE: A WIRE JUMPER CAN BE INSTALLED BETWEEN PINS 14 AND 3 OR BETWEEN PINS 14 AND 5 TO ALLOW THE MODULE TO AUTOMATICALLY ALARM AFTER 60 SECONDS OF THE IGNITION SIGNAL SWITCHED OFF AND THE RESET BUTTON NOT PRESSED.

8. ONCE THE ALARM OUTPUT IS ACTIVE, THE RESET BUTTON MUST BE PRESSED WITHOUT THE DOOR SWITCH SIGNAL GROUND INPUT PRESENT AT PIN 9 OF THE MODULE. THIS WILL RESET THE MODULE AND SHUT OFF THE ALARM OUTPUT.
   NOTE: THE DOME LIGHTS WILL NOT FLASH WHEN THE RESET BUTTON IS PRESSED WHILE THE ALARM OUTPUT IS ACTIVE.

9. SEE DRAWING 6963-I FOR TYPICAL WIRING DIAGRAM. DIAGRAM SHOWS THE OPTIONAL ACCESSORY "MAINTAIN ARM" CONTROL AND TIMER OPTIONS.
   SEE DRAWING 8047-A FOR PINOUT INFORMATION.

NOTES:

SCC-OEM-U2 POWER REQUIREMENTS:

Operating Voltage: 9-16 Vdc; 12V nominal

Amperage Draw:

- INRUSH: 0.6 Amp max (on battery connect only)
- SLEEP MODE: 5 mA MAX, 2.6 mA typical
- ARM MODE: 25 mA MAX, 20 mA typical
- ALARM MODE: 50 mA + LOAD, 1.55 amp MAX

REFER TO THESE DRAWINGS:

8047-A = PINOUT, DIMENSIONS and PANEL CUTOUT and SPECIFICATIONS

6963-I = WIRING DIAGRAM

1	CHANGE CURRENT JPI-13 and JPI-15 TO 1.5A MAX - 5/31/12
2	Change JP1-4 Timer to 5 min, 11/19/13
3	UPDATE CLIP, FACEPLATE HINGE, PANEL THICKNESS REQUIREMENTS, CHANGE TIMER BACK TO 10 MIN - 9/29/14
4	ADD POWER REQUIRMENTS, UPDATE DWG REF NOTES - 4/17/15
5	ADD #5 BALLOON TO DENOTE THE NEW MOUNTING SPRING CLIP - 6/4/15
6	CHANGE HEADER TO 94-VO PART, ADD MATE-N-LOK II MATING PART #'S 5/11/16

DORAN MANUFACTURING CO.
CINCINNATI, OHIO 45225

PART NAME: Sleeping Child Check SCC-OEM-U2

TOLERANCES: DECIMALS .XXX ± .015, .XX ± .031
FRACTIONS ± .093, ANGLES +OR- 1°

CUSTOMER

SCALE: 1" = 1.5"

DRAWN: JPR | DATE: 5/25/12

APPR | DATE

DRAWING NO.: 8047-B | REV.: 6