

1. ALL DIMENSIONS ARE REFERENCE ONLY
2. SPECIFICATIONS:
  - OPERATING VOLTAGE: 9-32VDC
  - CURRENT RATING: COIL+ 10A AT 85°C
  - STATUS 0.2A AT 85°C
  - QUIESCENT CURRENT 2 mA MAX
  - OPERATING TEMPERATURE: -40°C TO 85°C
  - OVERCURRENT THRESHOLD: 12 - 17A (COIL+ ONLY)
3. CONNECTOR PINOUT:
  - PIN1: KEYED IGNITION SOURCE
  - PIN2: GROUND (BATTERY-)
  - PIN3: COIL+/LOAD+
  - PIN4: BATTERY+
  - PIN5: UNUSED
  - PIN6: STATUS
  - PIN7: REDUNDANT GROUND (BATTERY-)
  - PIN8: REDUNDANT GROUND (BATTERY-)
4. MATING CONNECTOR: DEUTSCH P/N DT06-08S
5. MATING PINS: DEUTSCH P/N 0462-201-16141
6. UNUSED PINS SHOULD BE SEALED WITH BLANKING PIN- DEUTSCH P/N: 114017
7. ONLY ONE GROUND (BATTERY -) CONNECTION IS REQUIRED FOR PROPER OPERATION.  
ALL OTHER GROUNDS ARE REDUNDANT
8. SEALED TO IP67 (PROVIDED BLANKING PINS USED)

| Revision Control Record |                       |         |          | Rev. | Description of Change | ECN No. | Date | Tolerances Unless otherwise specifically noted, the following are default tolerances;<br><b>2-places      3-places      Angular</b><br><b>+/- 0.02"      +/- 0.005"      +/- 1"</b><br>Metric: Shown in [ ] refers to equivalent English Dim Tol<br>"REF." or an Asterisk (*) = Non-Toleranced Reference Dimension, shown for clarification purposes only.<br>NOTE: All tolerances are Non-Cumulative. |  |  | PROPRIETARY INFORMATION This Engineering Drawing, and the information contained herein, is proprietary to Cole Hersee Company and may not be disclosed, re-produced, or in any other way transferred or communicated to any other party without the express written consent of an authorized representative of Cole Hersee Company. |  |  | Special Characteristics:<br><div><div>CC</div>Critical Characteristic, relating to Safety and/or Regulatory Compliance<br/><div>X</div>Significant Characteristic relating to Process Control<br/><div>KC</div>Control Dimension relating to Form - Fit - Function as defined by Cole Hersee Company and/or the Customer</div> |  |  | Cole Hersee Co.<br>20 Old Colony Ave., South Boston, MA, 02127<br>Phn: 617-268-2100 Web: www.colehersee.com |  |  |
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| Rev.                    | Description of Change | ECN No. | Date     |      |                       |         |      |                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |                                                                                                                                                                                                                                                                                                                                     |  |  |                                                                                                                                                                                                                                                                                                                                |  |  | Description: <b>VOLTAGE SENSING RELAY TIMER</b>                                                             |  |  |
| A                       | RELEASED DRAWING      | 09529   | 11/04/09 |      |                       |         |      |                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |                                                                                                                                                                                                                                                                                                                                     |  |  |                                                                                                                                                                                                                                                                                                                                |  |  |                                                                                                             |  |  |
| B                       | ADDED VIEW & DIM      | 11111   | 4/20/11  |      |                       |         |      |                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |                                                                                                                                                                                                                                                                                                                                     |  |  |                                                                                                                                                                                                                                                                                                                                |  |  |                                                                                                             |  |  |
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