



ENGINEERED SOLUTIONS FOR INDUSTRIES WORLDWIDE

SOLON® BELLEVILLE SPRINGS | SOLON® PRESSURE SWITCHES

TECHNICAL SERVICE BULLETIN

Document No.: D73321.02

Subject: Low Settings in Solon Model 2TC Density Switches

Models Affected: Bulb style 2TC density switches with a date of manufacture between 1/1/2008 and 3/19/2009.

Condition: Alarm and lockout settings may be reduced (low) in the density switch.

Cause: A defect in some bulb assemblies has been found that may result in a loss of fluid in the bulb. The failures appear within 14 to 45 days of the date of manufacture at Solon Manufacturing.

Diagnosis: The settings for the affected devices should be checked during normal routine breaker maintenance. The date of manufacture can be found on rectangular label on the side of the green housing. The date is in the serial number field on this label.

The technician should first check that the gas in the breaker is adequate to safely operate the breaker. This can be done using the pressure gauge and Pressure vs Temperature chart provided with the breaker documentation. If gas pressure is adequate, the technician should then follow the instructions for checking the settings of the devices that were provided with the breaker. If the settings are more than 5 PSI below the aim settings, then proceed to the correction below.

Correction: A device experiencing this condition cannot be repaired or calibrated in the field. Contact Solon Manufacturing for an RMA number and the device should be replaced.

Approved By: G. Davet

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