

File E234324
Project 07CA23780

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REPORT

on

COMPONENT - INDUSTRIAL CONTROL PANELS

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DESCRIPTION

PRODUCT COVERED:

*USR, CNR - Component - Industrial Control Panel Enclosure Accessories:
Pressure Compensator Device, Model **28405.0-00** and **28406.0-00**.

GENERAL:

The products covered are Pressure Compensation device for regulating pressure inside the industrial control panel with respect to humidity and dust related to temperature fluctuations Enclosures.

RATINGS:

Environmental rating: - Type 1, 4, 4X.

*Tightening torque: 5 Nm (max 10 Nm) for model DA **28405.0-00**
*0.75 Nm (max 1.5 Nm) for model **28406.0-00**

ENGINEERING CONSIDERATION (NOT FOR UL REPRESENTATIVE USE):

CNR - Indicates investigation to Canadian National Standard
C22.2 No. 14.

USR - Indicates investigation to United States Standard UL 508.

Note: CNR = Canadian National Standards - Recognized component
USR = United States Standards - Recognized component

CONDITIONS OF ACCEPTABILITY:

For use only in (or with) complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

- *1. Model **28405.0-00** and **28406.0-00** are rated for an environmental Type Rating 1, 4, 4X when installed on the specified enclosure, comply, with the requirements for Cabinets and Boxes, UL 50, the requirements for Industrial Control Enclosures in UL 508, and the requirements for Special Purpose enclosures CAN/CSA C22.2 No. 14.
2. These Pressure Compensation devices are intended to be installed on holes with diameters not greater than the plug was designed for:
 - *diameter 40.5 mm for model **28405.0-00**
 - *diameter 12.5 mm for model **28406.0-00**
- *3. These devices are intended for flat mounting on enclosures with wall thickness between 0.5 mm and 9 mm for Model **28405.0-00** and between 0.5 mm and 4 mm for Model **28406.0-00**.
4. The suitability of mounting Pressure Compensation device on the enclosure shall be evaluated in the end use of equipment.
5. Five Inch Test was performed on end-use product to verify the membrane.