

File E185611

Project 07NK08802

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REPORT

ON

COMPONENT - PROCESS CONTROL EQUIPMENT

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Winona, Minnesota

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DESCRIPTION

PRODUCT COVERED:

USR, CNR - Temperature Controllers, Series D8 Series, **followed by any 8 digits for marketing purpose only.**

GENERAL:

Each model can be configured with either a D-Sub 25 terminal block and/or a rear 50 pin SCSI connector. The devices are used for both controlling and monitoring process control systems.

RATINGS:

Supply Input: 610 mA, 12-27 V dc (SELV, Limited Energy)

Maximum

Output: 60 mA, 24 V dc

Operating Temperature: 0-40°C

NOMENCLATURE

D8	X	X	X	X	-	X	X	X	X
I	II	III	IV	V	VI	VII	VIII	IX	X

I D8 = Model Series Designator
 II - **X** **Any 8 digits for marketing purpose only.**

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ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Use - For use only in complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

These components have been judged on the basis of the required spacings in the Standard for **UL 61010-1 Safety Requirements for Electrical Equipment For Measurement, Control, and Laboratory Use - Part 1: General Requirements - Edition 3 - Revision Date 2018-11-21**, and **CSA C22.2 No. 61010-1 Safety Requirements For Electrical Equipment For Measurement, Control, and Laboratory Use - Part 1: General Requirements - Edition 3 - Revision Date 2018-11-21**.

Conditions of Acceptability -

1. These devices should be used within their Recognized ratings, as specified above.
- *2. These devices are suitable for use in Pollution Degree 2 or cleaner environments.
3. These devices have been evaluated for use in ambient temperatures of maximum 40°C.
4. Open-type devices should be mounted in an enclosure having adequate strength and thickness and in the intended manner and with acceptable spacings being provided.
5. The devices are suitable for connection to Class 2, **limited energy or LPS circuits only**.
6. Terminals suitable for factory wiring only.