Middle Atlantic Products, Inc. May 2013

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Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat, SectionFormat,* and *PageFormat,* as described in *The Project Resource Manual—CSI Manual of Practice.*

The section must be carefully reviewed and edited by the Architect or Engineer to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all “Specifier Notes” when editing this section.

Section numbers and titles are from *MasterFormat* 2004 Edition.

SECTION 27 11 16

TEMPERATURE DISPLAYS

Specifier Notes: This section covers Middle Atlantic Products, Inc. TEMP-DEC Decora®-Mount Display. Consult Middle Atlantic Products for assistance in editing this section for the specific application.

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Decora-mount temperature displays.

1.2 RELATED SECTIONS

Specifier Notes: List sections with work directly related to this section.

A.

1.3 REFERENCES

Specifier Notes: List standards referenced in this section, complete with designations and titles. This article does not require compliance with standards, but is merely a listing of those used.

A. ISO 9001:2000 – Quality Management Systems – Requirements.

B. UL – Underwriters Laboratories.

1.4 SUBMITTALS

A. Comply with Section 01 33 00 – Submittal Procedures.

B. Product Data: Submit manufacturer’s product data, including options.

C. Warranty: Submit manufacturer’s standard warranty.

1.5 QUALITY ASSURANCE

A. Manufacturer’s Qualifications: ISO 9001:2000 registered company.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Delivery: Deliver materials to site in manufacturer’s original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.

B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer’s instructions.

C. Handling: Protect materials during handling and installation to prevent damage.

1.7 WARRANTY

A. Warranty Period: 3 years.

PART 2 PRODUCTS

2.1 MANUFACTURER

A. Middle Atlantic Products, Inc. Phone (973) 839-1011. Fax (973) 839-1976. Website middleatlantic.com. E-mail info@middleatlantic.com.

2.2 TEMPERATURE DISPLAYS

A. Decora-Mount Temperature Displays: TEMP-DEC Decora®-Mount Display.

1. Model: TEMP-DEC.

2. Use: Monitors internal enclosure temperature.

3. Mounting: Standard Decora opening.

4. Readout: Adjustable Fahrenheit/Celsius.

5. Display: Three digits with green LED lights.

6. Rear-Mounted Contact Closure: Overtemp alarm closure to compatible monitoring device.

7. Local Display: Blink to indicate overtemp situation.

8. Overtemp Set Point: User definable from 95 degrees F to 115 degrees F (35 degrees C to 46 degrees C).

a. Factory Preset: 100 degrees F (37 degrees C).

9. Sensor: 9 feet with temperature probe for mounting within enclosure.

10. Lens: Smoked.

11. Chassis: Flat black plastic.

12. Power Supply: UL Listed plug-in, 12 V DC.

2.3 OPTIONS

Specifier Notes: Specify required options. Delete options not required. Consult Middle Atlantic Products for more information.

A. Power Jumper: Uses second rear 12 V DC jack to supply power to additional 12 V DC Decora units using single power source.

B. Blank Rackmount Panels: Single space, with [1] [2] [3] [4] openings for Decora-style products.

C. Rackmount Panels: Single space, with pre-installed TEMP-DEC Decora-Mount Display.

PART 3 EXECUTION

3.1 EXAMINATION

A. Examine areas to receive Decora-mount temperature displays.

B. Notify Architect of conditions that would adversely affect installation or subsequent use.

C. Do not begin installation until unacceptable conditions are corrected.

3.2 INSTALLATION

A. Install Decora-mount temperature displays in accordance with manufacturer’s instructions at locations indicated on the Drawings.

B. Install Decora-mount temperature displays plumb, level, square, and secure.

3.3 PROTECTION

A. Protect installed Decora-mount temperature displays from damage during construction.

END OF SECTION