**SECTION 27 41 16**

**INTEGRATED AUDIO-VIDEO SYSTEMS AND EQUIPMENT**

**GUIDE SPECIFICATION**

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*Specifier: Please see PART 4 for a listing of products specified in this Guide Specification.*

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# **GENERAL**

*NOT USED in this Guide Specification. Specifier shall Specify PART 1 administrative and procedural requirements as needed.*

## **Description: A wall-mounted, PoE powered control processor and control user interface. Includes customizable backlit capacitive buttons.**

# **PRODUCTS**

## **Processor User Interface**

### Basis of Design Control Module:

*Specifier Note: Please see system drawings or equipment lists for specified model and quantity.*

#### Crestron MPC3-201-B

### Functions

#### Control Processor: supports up to 10 simultaneously running programs

### User Interface

#### User Interface: Multi button user interface with control processor.

### Functions - The UI shall include:

#### Custom Control UI - control of integrated system components through custom programming or preset configuration.

#### System Integration - device shall support controls for compatible integrated AV systems, HVAC and Lighting hardware.

### Communication and power

#### 10/100 Mbps, auto-switching, auto-negotiating, auto-discovery, full/half duplex, TCP/IP, UDP/IP, CIP, DHCP, SSL, TLS, SSH, SFTP (SSH File Transfer Protocol), FIPS 140-2 compliant encryption, IEEE 802.1X, SNMP, BACnet/IP [2], IPv4 or IPv6, Active Director

#### PoE network power and communication

### Physical

#### Mounting options include: 1-Gang European, 2-gang US, and custom table and wall mounts.

# **EXECUTION**

*NOT USED in this Guide Specification. Specifier shall Specify PART 3 On-Site work as needed.*

# **APPENDICES**

## **SPECIFIED PRODUCTS**

### Crestron MPC3-201-B