



## BACNET GRAPHIC DISPLAY BBC-SD

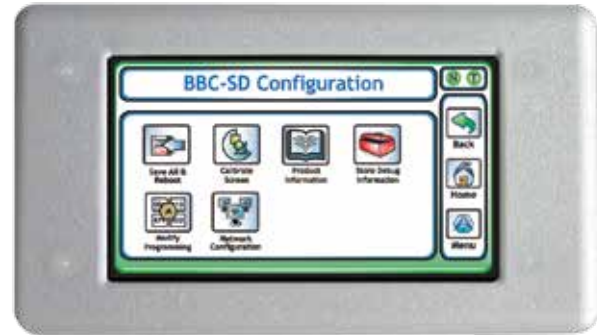
AMERICAN  
AUTO-MATRIX®

### DESCRIPTION

The **American Auto-Matrix BBC-SD** is a BACnet MS/TP-based touch-screen interface providing local display information for BACnet-based Building Automation Systems. Through utilization of the intuitive graphical interface, building owners and tenants can navigate through the local display to learn more about working variables such as temperatures, set-points, schedule parameters, alarm data and much more. The **BBC-SD** can integrate with systems of any size as well as interact and display information from any BACnet device regardless of manufacturer or vendor.

### FEATURES

- **Able to automatically display and modify up to 150 BACnet object properties**
- **Can manually address, view and modify any primitive data points on the BACnet network**
- **50 configurable data screens containing live BACnet network data and/or hyper links to other data screens allow unique point groupings**
- **12-bit color, 480 x 272 pixel TFT-based touch screen allows local user interface for data display and modification**
- **Conforms to BACnet MS/TP LAN Standard**
- **Multi-tiered icon-driven screen navigation**
- **Multi-level numeric password-based access protection**
- **Able to "sniff" network traffic, store and display up to 128 notification or summary alarms**
- **Flash program upgradeable through use of standard SD/MMC card port**
- **Non-volatile memory stored on the BBC-SD for back-up and cloning over the network**
- **Network time synchronization capabilities (requires interaction with a live time master)**
- **Advanced MS/TP diagnostics utilities**
- **Up to 16 linked BACnet schedules and calendars**
- **AUTOPHOS® compatible**

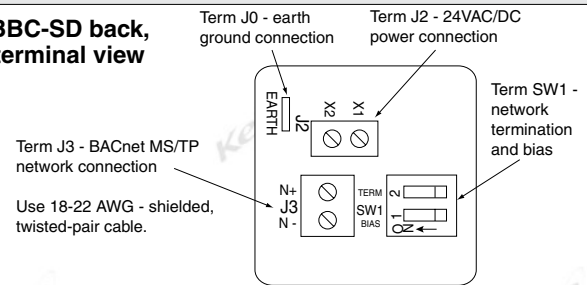


BBC-SD

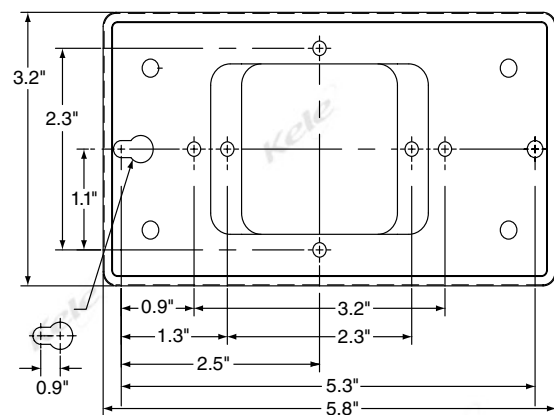


### WIRING

#### BBC-SD back, terminal view



### DIMENSIONS



### ORDERING INFORMATION

**MODEL**  
**BBC-SD**

**DESCRIPTION**  
BACnet Graphic Display

**BBC-SD-PRO**

**ACCESSORIES**  
Configuration Software (required)

### SPECIFICATIONS

<b>Supply Voltage</b>	14 to 29 VAC @ 4 VA, 50/60 Hz; 14 to 29 VDC @ 167 mA
<b>Supply Watts</b>	4 Watts
<b>Communication</b>	Type BACnet MS/TP Master Speed 9.6, 19.2, 38.4, 76.8 kbps, 57.6k, 115.2k
<b>SD/MMC Card Socket</b>	Supports 2GB storage capacity
<b>Supported Protocols</b>	BACnet MS/TP
<b>Memory</b>	1 MB SRAM; 8MB Intel on board Flash
<b>Processor</b>	High-speed 32-bit processor running at 86 MHz
<b>Display Type</b>	Touch screen Backlit 16:9 widescreen TFT color LCD, 480 x 272 pixels
<b>Operating Temperature</b>	32° to 122°F (0° to 50°C)
<b>Operating Humidity</b>	0 to 80% (non-condensing)
<b>Dimensions</b>	6.0" x 3.4" x 1.0" (15.24 x 8.64 x 2.54 cm)
<b>Weight</b>	0.90 lb (0.41 Kg)
<b>Approvals</b>	UL File #E95642, CE
<b>Warranty</b>	1 year (120 days on software)