MINI-NODE™ COMMUNICATION SIGNAL CONVERTER

Converts RS-485 to USB, Integral USB Connector, No External Power

The MODEL MN-1 Mini-Node™ Communication Signal Converter is a low cost device that converts half duplex RS-485 serial communications signals into a signal that can be read by any computer with a USB port. The integral USB connector and RJ-45 connector reduces set up time by eliminating extra wiring. The Model MN-1 is powered via the USB connection which eliminates the need for an external power source. The compact size is great for field installation, control panels, and lab testing.

FEATURES/BENEFITS
- Converts half duplex RS-485 via USB port
- Reduces set up time of process controllers

APPLICATIONS
- Oven, boiler, or chiller Control
- Hot plates/melt pot
- Packaging equipment
- Environmental chambers
- Medical equipment
- Food service equipment

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Power Requirements:</th>
<th>No external power required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Consumption:</td>
<td>0.4 W</td>
</tr>
<tr>
<td>Isolated Voltage:</td>
<td>3000 VDC</td>
</tr>
<tr>
<td>Input Impedance:</td>
<td>96 kΩ</td>
</tr>
<tr>
<td>USB Connector:</td>
<td>B-type (female)</td>
</tr>
</tbody>
</table>

### MODEL CHART

**MODEL MN-1** Mini-Node™ USB to RS-485 converter

### SERIES A-700

POWER SUPPLY

The economical and reliable SERIES A-700 power supply is suitable for powering all Dwyer pressure, temperature or air velocity transmitters. Inexpensive, open-frame design allows convenient access to input/output solder terminals. Auxiliary inputs are selectable for operation from power sources found worldwide. Compact size eases enclosure installations.

FEATURES/BENEFITS
- Universal supply voltage input
- Compact size

APPLICATIONS
- BAS
- HVAC

### MODEL CHART

**MODEL A-700**
- 0.5 A
- 2.4 A
- 4.8 A

### SPECIFICATIONS

- **Operating Temperature:** 32 to 122°F (0 to 50°C)
- **External Fuse Required:** 0.5 A for 100 to 120 VAC, 0.25 A for 220 to 240 VAC
- **Dimensions:** 4-7/8"H x 4"W x 1-5/8"D
- **Weight:** 2 lb.

MODEL KF-CC-304

USB DUAL POWER

Charge Two USB Devices at Once!

The MODEL KF-CC-304 USB Dual Power charger keeps you plugged-in and powered-up at home and on the road. Featuring a robust charging capacity of 1.5 amps, two USB ports for the simultaneous charging of two devices, and a pocket-friendly 2-in-1 design for both wall charging and auto charging, the USB Dual Power is the ultimate charging accessory for USB-powered electronic devices!

FEATURES/BENEFITS
- Provides 1.5 amps of charging power
- Charges two USB devices at once
- Use at home or in the car
- Built-in safety fuse to protect your devices
- Sleek, pocket-friendly design
- LED light indicates ready power source

APPLICATIONS
- BAS
- HVAC
- Test and balance

### MODEL CHART

**MODEL KF-CC-304**
- USB dual power

### SPECIFICATIONS

- **Input:** 100 to 240 VAC 50/60 Hz 0.15 A to 12 VDC
- **Output:** Terminal Voltage Current: USB port 1: 5.0 V = 1.5 A; USB port 2: 5.0 V = 1.5 A; USB port 1 + 2: 5.0 V = 750 mA
- **Agency Approvals:** CE

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