

Converter Modules

NDP-243, NDP-243U

Panel Mounting Power Supply

- **Input Voltage**
 - NDP-243: 85-132VAC or 170-264VAC, switchable
 - NDP-243U: 90-264VAC
- **Input Frequency: 47-63Hz**
- **Input Current: 1.4A (max.)**
- **Short Protection**
- **Output Voltage**
 - NDP-243: +24VDC \pm 10%
 - NDP-243U: +24VDC 1A, +12VDC 1A, +5VDC 3A
- **Output Current: 3A (max.)**
- **Overload Protection**
- **Dimensions: 5" (L) x 3.8" (W) x 1.6" (H)**
- **Operating Temperature: 0°-50° C**



NDP-243U



NDP-243

ND-6510

RS-422/RS-485 Repeater

- **Input**
 - RS-422 (4-wire, full-duplex)
 - RS-485 (2-wire, half-duplex) protocol
- **Output**
 - RS-422 (4-wire, full-duplex)
 - RS-485 (2-wire, half-duplex) protocol
- **Speed: 115.2k, 57.6k, 38.4k, 19.2k, 9600, 4800, 2400, 1200, 600, 300**
- **Auto baud rate and data format adjustment**
- **Isolation Voltage: 2500V_{RMS}**
- **Surge protector on communications signals**
- **Connector: Plug-in screw terminal block**
- **Power Consumption: 0.7W typical**



ND-6520

RS-232 to RS-422/485 Converter

- **Protocol**
 - RS-422 (4-wire, full-duplex)
 - RS-485 (2-wire, half-duplex) protocol
- **Speed: 115.2k, 38.4k, 19.2k, 9600, 4800, 2400, 1200, 600, 300**
- **Auto baud rate and data format adjustment**
- **Isolation side: RS-232 signal (TXD, RXD, GND)**
- **Isolation Voltage: 2500V_{RMS}**
- **Surge protector on RS-422/485 communications signals**
- **Repeater request: Over 128 modules or distance over 4000 feet**
- **Connector: Female DB-9 and plug-in screw terminal block**
- **Power Consumption: 0.75W typical**



ND-6530

USB to RS-422/RS-485 Converter

- **Protocol (DIP switch selectable)**
 - RS-232 (5-wire: RXD, TXD, RTS, CTS, GND)
 - RS-422 (4-wire: TX+, TX-, RX+, RX-)
 - RS-485 (2-wire: Data+, Data-)
- **Speed: 300-115.2k bps**
- **Isolation Voltage: 2500V_{RMS}**
- **USB 1.1 compliant**
- **Repeater request: Over 128 modules or distance over 4000 feet**
- **Power Consumption: 0.6W typical**



ND-6531

Configurable Communications Controller

- **Protocol**
 - RS-232 (5-wire: RXD, TXD, RTS, CTS, GND)
 - RS-422 (4-wire: TX+, TX-, RX+, RX-)
 - RS-485 (2-wire: Data+, Data-)
- **Speed: 1200-115200 bps (RS-232 and RS-422/485 can set to different baud rate)**
- **Convert RS-422/485 to RS-232 with configurable address**
- **Isolation Voltage: 1000V_{DC}**
- **Surge protector on communications signals**
- **Repeater Request: over 128 modules or 4,000 feet**
- **Connector: Female DB-9 and plug-in screw terminal block**
- **Power Consumption: 0.75W typical**

