Converter Modules

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
- Speeds: 115.2 k, 57.6 k, 38.4 k, 19.2 k, 9600, 4800, 2400, 1200
- Auto baud rate and data format adjustment
- Isolation Voltage: 2500 VRMS
- Surge protector on communications signals
- Connector: Plug-in screw terminal block
- Replacer Request: Over 128 modules or distance over 4000 feet
- Power Consumption: 1.104 W typical

ND-6520

RS-232 to RS-422/RS-485 Converter



- **Protocol**
  - RS-422 (4-wire, full-duplex)
  - RS-485 (2-wire, half-duplex) protocol
- Speeds: 115.2 k, 38.4 k, 19.2 k, 9600, 4800, 2400, 1200
- Auto baud rate and data format adjustment
- Isolation Side: RS-232 signal (TXD, RXD, GND)
- Isolation Voltage: 2500 Vrms
- Surge protector on RS-422/RS-485 communications signals
- Connector: Female DB-9 and plug-in screw terminal block
- Power Consumption: 0.912 W 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-)
- Speeds: 1200 to 115.2 kbps
- Isolation Voltage: 2500 VRMS
- USB 1.1 compliant
- Power Consumption: 0.795 W 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 to 115200 bps (RS-232 and RS-422/RS-485 can be set to different baud rate)
- Convert RS-422/RS-485 to RS-232 with configurable address
- Isolation Voltage: 1000 VDC
- Surge protector on communications signals
- Connector: Female DB-9 and plug-in screw terminal block
- Power Consumption: 1.008 W typical

NDP-243, NDP-243U2

Panel Mounting Power Supply



NDP-243U2



NDP-243

- **Input Voltage**
  - NDP243: 85 to 132 VAC or 170-264 VAC, switchable
  - NDP-243U: 90-264 VAC
- Input Frequency: 47 to 63 Hz
- Input Current: 1.4 A (max.)
- Short Protection
- **Output Voltage**
  - NDP-243: +24 VDC ±10 %
  - NDP-243U: +24 VDC 1 A, +12 VDC 1 A, +5 VDC 3 A
- **Output Current: 3 A (max.)**
  - Overload protection
  - Dimensions: 5" (L) x 3.8" (W) x 1.6" (H)
- Operating Temperature: 0°C to +50°C

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