HSL-DI16DO16-UJ/-US/-UD

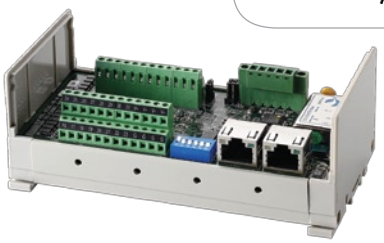
16-CH Discrete Input-16-CH Discrete Output Modules



HSL-DI16DO16-UJ-NN



HSL-DI16DO16-US-NN



HSL-DI16DO16-UD-NN

Features

- **Support 16 DI channels and 16 DO channels**
- **Transmission speeds: 3/6/12 Mbps**
- **RJ-45 phone jack for easy installation**
- **Compact and single board design to meet space limitation and cost-effective requirement**
- **Offer three connection options:**



UJ Type

- Suitable for single I/O channel wiring.
- Each connector offers three pins: power, signal, and ground.



US Type

- Suitable for bundle wiring with lock.
- Flat cables can be used to connect to each sensor or actuator.



UD Type

- Suitable for screw type wiring.
- Each wire to sensors or actuators can be fixed by the screw terminal.

Software Support

- **Windows® Platform**

  Windows® 7/Vista (32-bit)/XP/2000 libraries

- **HSL LinkMaster Utility**

  The HSL LinkMaster utility is used to scan and test slave devices.

Applications

- **Industrial control and process systems**
- **CIM (Computer Integrated Manufacturing) systems**
- **Security control systems**
- **Remote control systems**

Specifications

Slave ID Consumption	1
Transmission Mode	Full/Half duplex
Transmission Speed	3/6/12 Mbps selectable, 6 Mbps is the default setting
Input Impedance	4.7 KΩ
Input Current	±10 mA (max), ±12 mA (peak), NPN sinking type
Input Voltage	+24 V
Operation Temperature	0°C to +60°C
Photo Couple Isolation Voltage	2500 VRMS
LED Indicator	Power, Input/Output status and Link
Dimension	138 x 52.7 x 71.8 mm (W x H x D)
Power Requirement	+24 VDC (±10%)

Ordering Information

- **HSL-DI16DO16-UJ-NN**
  16-CH discrete input and 16-CH discrete output module with UJ type connector, NPN type
- **HSL-DI16DO16-US-NN**
  16-CH discrete input and 16-CH discrete output module with US type connector, NPN type
- **HSL-DI16DO16-UD-NN**
  16-CH discrete input and 16-CH discrete output module with UD type connector, NPN type
- **PCI-7853**
  Single HSL master controller with two separate connectors
- **PCI-7854**
  Dual HSL master controller with four separate connectors
- **PCI-7856**
  Master-slave distributed motion & I/O master controller (For more information on PCI-7856, please refer to Section 6, P6-26)

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000