**SST™ Network Interface Cards for quick and easy connection of PCI bus computers to Data Highway Plus and 1771 Remote I/O networks**

The SST™ Data Highway Plus Network Interface Card connects a PCI bus computer to Rockwell AB Data Highway Plus (DH+) and 1771 Remote I/O (RIO) (adapter or scanner mode) networks. For more information on Molex’s range of Network Interface Cards visit www.molex.com/link/bradnics.html

**Features and Benefits**

- Software support included for emulation of Rockwell AB 1784-KT / 1784-PKTX card
- Compatible with RSLinx software
- Will operate on PCI 2.2 and 2.3 compliant systems
- Supports 57.6, 115.2, and 230.4 Kbaud rates on Data Highway Plus
- Supports communication as one or more slave racks using 1771 Remote I/O
- Simple connection to network using 6-pin screw terminal connector
- Custom Driver Development: open documented memory map interface with example C source code and Windows 32-bit DLLs and drivers
- Includes:
  - Microsoft Windows XP/Server 2003 drivers/Vista/Server 2008/Win 7/DLLs (No. 64-bit support is available)
  - OPC Server for DH+

**Applications**

**Industrial Automation:**
- Operator interface and HMI
- SCADA
- PC Control
- PLC programming
Specifications

HARDWARE
32-bit short PCI compatible
- Compliant with PCI 2.2 and 2.3
- Will operate in PCI 2.1 compliant systems that have implemented optional 3.3V supply voltage
- Occupies 32 Kbytes of host computer memory address space
- Memory location and size software configurable
- Multiple PCI cards can be configured in the same computer
- Optional interrupt generation on network events

PLC Compatible with:
- PLC-2*
- PLC-3*
- PLC-5
- PLC-5/250
- SLC 5/04
- ControlLogix DH+/RIO
  (*does not support front port current loop connection to PLC-2 or PLC-3 processors)

Operating temperature:
- 0 to 50°C

Storage temperature:
- -40 to 85°C

Power requirements:
- 3.3V typical, 150 mA at 5V typical
- RoHS Compliant

Ordering Information

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<td>SST-DHP-PCI</td>
<td>PCI Data Highway Plus (DH+) / 1771 Remote I/O (RIO)</td>
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