

Specifications

1784-PKTX	CH 1A (3-pin Phoenix) runs DH+ and remote I/O CH 1C (6-pin Phoenix) runs DH-485
1784-PKTXD	CH 1A (3-pin Phoenix) runs DH+ and remote I/O CH 1C (6-pin Phoenix) runs DH-485 Ch2 (3-pin Phoenix) runs DH+ and remote I/O
Maximum line lengths and communication rates	DH+: 10,000 ft. (3048 m) @ 57.6K bit/s 5,000 ft. (1,524 m) @ 115.2K bits/s 2,500 ft. (762 m) @ 230.4K bits/s DH-485: 4,000 ft. (1219 m) @ 1200, 2400, 4800, 9600 or 19,200 bits/s remote I/O: 10,000 ft. (3048 m) @ 57.6K bit/s 5,000 ft. (1524 m) @ 115.2K bit/s 2,500 ft. (762 m) @ 230.4K bit/s
Wiring Category ⁽¹⁾	2 - on communications ports
Bus communications	Local PCI (2.3 compliant)
LEDs	1 diagnostic/status LED per channel
Number of modules per system	4 maximum (specified by jumper on card)
Operational Temperature	IEC 60068-2-1 (Test Ad, Operating Cold), IEC 60068-2-2 (Test Bd, Operating Dry Heat), IEC 60068-2-14 (Test Nb, Operating Thermal Shock): 0 to 60°C (32 to 140°F)
Storage Temperature	IEC 60068-2-1 (Test Ab, Un-packaged Non-operating Cold), IEC 60068-2-2 (Test Bb, Un-packaged Non-operating Dry Heat), IEC 60068-2-14 (Test Na, Un-packaged Non-operating Thermal Shock): -40 to 85°C (-40 to 185°F)
Relative Humidity	IEC 60068-2-30 (Test Db, Un-packaged Non-operating Damp Heat): 5 to 95% non-condensing
Vibration	IEC 60068-2-6 (Test Fc, Operating): 2g @ 10-500Hz
Operating Shock	IEC 60068-2-27 (Test Ea, Unpackaged Shock): 30g

A-2 Specifications

Non-Operating Shock	IEC 60068-2-27 (Test Ea, Unpackaged Shock): 50g
Emissions	CISPR 11: Group 1, Class A
ESD Immunity	IEC 61000-4-2: 4kV contact discharges 8kV air discharges
Radiated RF Immunity	IEC 61000-4-3: 10V/m with 1kHz sine-wave 80%AM from 30MHz to 1000MHz
EFT/B Immunity	IEC 61000-4-4: ±2kV at 5kHz on communications ports
Surge Transient Immunity	IEC 61000-4-5: ±2kV line-earth (CM) on shielded ports
Conducted RF Immunity	IEC 61000-4-6: 10Vrms with 1kHz sine-wave 80%AM from 150kHz to 80MHz
Enclosure Type Rating	None (open-style)
Power Dissipation (for the PKTXD)	4.0W 800ma @ 5Vdc
Isolation voltage	Tested to 500Vac for 60 sec
Driver development for remote I/O	6001-RIO, contains binary files and example C code for remote I/O communication
Driver development for DH+ or DH-485	Use the RSLinx PKT.x driver. 1784-DP4, contains binary files and example C code for DH+ or DH-485 communication. (non-Windows)
Agency certification (when product is marked)	c-UR-us UL Recognized Component Industrial Control Equipment for Class I, Division 2 Group A,B,C,D Hazardous Locations, certified for US and Canada CE⁽²⁾ European Union 89/336/EEC EMC Directive, compliant with: EN 50082-2; Industrial Immunity EN 61326; Meas./Control/Lab., Industrial Requirements EN 61000-6-2; Industrial Immunity EN 61000-6-4; Industrial Emissions C-Tick⁽²⁾ Australian Radiocommunications Act, compliant with: AS/NZS CISPR 11; Industrial Emissions

(1) Refer to publication 1770-4.1, Industrial Automation Wiring and Grounding Guidelines for Noise Immunity.

(2) See the Product Certification link at www.ab.com for Declarations of Conformity, Certificates, and other certification details.