

# TERMINATOR FIELD I/O

Part Number	Page	Price (US\$)
<b>Terminator I/O Power Supplies and Terminal Bases</b>		
<b>T1K-01AC</b> <i>AC Power Supply, 120/240 VAC (minimum 1 per system required)</i>	7-16	\$93.00
<b>T1K-01DC</b> <i>DC Power Supply, 12/24 VDC (minimum 1 per system required)</i>	7-16	\$89.00
<b>T1K-08B</b> <i>Half size terminal base, 3-row/24-pole screw clamp terminals, 12AWG maximum</i>	7-18	\$39.00
<b>T1K-16B</b> <i>Full size terminal base, 3-row/48-pole screw clamp terminals, 12AWG maximum</i>	7-18	\$52.00
<b>T1K-08B-1</b> <i>Half size terminal base, 3-row/24-pole spring clamp terminals, 14AWG maximum</i>	7-18	\$39.00
<b>T1K-16B-1</b> <i>Full size terminal base, 3-row/48-pole spring clamp terminals, 14AWG maximum</i>	7-18	\$52.00
<b>T1K-10CBL</b> <i>Base expansion cable, 100cm (3.28ft) without 24 VDC pins</i>	7-17	\$33.00
<b>T1K-10CBL-1</b> <i>Base expansion cable, 100cm (3.28ft) with 24 VDC pins</i>	7-17	\$45.00
<b>T1K-05CBL-LL</b> <i>Left-side to Left-side base expansion cable, 50 cm (1.64ft) without 24 VDC pins</i>	7-17	\$32.00
<b>T1K-05CBL-LL-1</b> <i>Left-side to Left-side base expansion cable, 50 cm (1.64ft) with 24 VDC pins</i>	7-17	\$44.00
<b>T1K-05CBL-RR</b> <i>Right-side to Right-side base expansion cable, 50 cm (1.64ft) without 24 VDC pins</i>	7-17	\$32.00
<b>T1K-05CBL-RR-1</b> <i>Right-side to Right-side base expansion cable, 50 cm (1.64ft) with 24 VDC pins</i>	7-17	\$44.00
<b>T1K-INST-M</b> <i>Terminator I/O Installation and I/O Manual covers bases discrete and analog I/O. Order manual separately.</i>		\$19.00
<b>Terminator I/O Network Interface Modules</b>		
<b>T1H-EBC</b> <i>Ethernet Base Controller for Terminator I/O base, for connection to PLC Ethernet master or PC Ethernet network interface card. Supports 10MbTCP/IP, UDP/IP &amp; IPX.</i>	7-20	\$199.00
<b>T1H-EBC100</b> <i>Ethernet Base Controller for Terminator I/O base, for connection to PLC Ethernet master or PC Ethernet network interface card. Supports 10/100Mb autosense, TCP/IP, UDP/IP, IPX, and ModbusTCP.</i>	7-20	\$249.00
<b>T1H-EBC-M</b> <i>User Manual for Terminator Ethernet Base Controllers. Order separately.</i>		\$17.00
<b>T1H-PBC</b> <i>Profibus DP Base Controller for Terminator I/O base, for 12Mb connection to your Profibus DP master or PC Profibus DP interface card. Requires ERNI communications connectors listed in Terminator I/O Spare Parts and Accessories section.</i>	7-22	\$319.00
<b>T1H-PBC-M</b> <i>User Manual for Terminator Profibus Base Controller. Order separately.</i>		\$17.00
<b>T1K-DEVNETS</b> <i>DeviceNet Base Controller for Terminator I/O base, for connection to DeviceNet master.</i>	7-24	\$152.00
<b>T1K-DEVNETS-M</b> <i>User Manual for Terminator DeviceNet Base Controller. Order separately.</i>		\$17.00
<b>T1K-MODBUS</b> <i>Modbus RTU Base Controller for Terminator I/O base, for connection to Modbus RTU master.</i>	7-19	\$145.00
<b>T1K-MODBUS-M</b> <i>User Manual for Terminator Modbus Base Controller. Order separately.</i>		\$17.00
<b>T1K-RSSS</b> <i>DirectLogic Remote I/O Base Controller for Terminator I/O base. Supports both RM-NET and SM-NET protocols. Uses shielded twisted pair communication cable (24 AWG minimum). Built-in RS232C serial port functional when using SM-NET protocol.</i>	7-26	\$189.00
<b>T1K-RSSS-M</b> <i>User Manual for Terminator DirectLogic Remote I/O Base Controller. Order separately.</i>		\$17.00

**Notes:** Our manuals are sold separately, except for those accompanying software products or if otherwise specified. Please put the manual part number on your order, or download free online.

# TERMINATOR FIELD I/O

Part Number	Page	Price (US\$)
<b>Terminator I/O Discrete Input Modules</b>		
<b>T1K-08ND3</b> 8 pt. 12-24 VDC current sinking/sourcing input module, 4 points per common (Use with T1K-08B or T1K-08B-1 terminal base.)	7-35	\$54.00
<b>T1K-16ND3</b> 16 pt. 12-24 VDC current sinking/sourcing input module, 4 points per common (Use with T1K-16B or T1K-16B-1 terminal base.)	7-36	\$86.00
<b>T1K-08NA-1</b> 8 pt. 110 VAC input module, 4 points per common (Use with T1K-08B or T1K-08B-1 terminal base.)	7-37	\$72.00
<b>T1K-16NA-1</b> 16 pt. 110 VAC input module, 4 points per common (Use with T1K-16B or T1K-16B-1 terminal base.)	7-37	\$121.00
<b>T1K-INST-M</b> Terminator I/O Installation and I/O Manual covers bases discrete and analog I/O. Order manual separately.		\$19.00
<b>Terminator I/O Discrete Output Modules</b>		
<b>T1K-08TD1</b> 8 pt. 12-24 VDC current sinking output module, 4 points per common, 1.0A/point, 2 replaceable fuses (T1K-FUSE-1) (Use with T1K-08B or T1K-08B-1 terminal base.)	7-38	\$60.00
<b>T1K-08TD2-1</b> 8 pt. 12-24 VDC current sourcing output module, 4pts/common, 1.0A/point, 2 replaceable fuses (Use with T1K-08B or T1K-08B1 terminal base.)	7-39	\$64.00
<b>T1K-16TD1</b> 16 pt. 12-24 VDC current sinking output module, 4 points per common, 1.0A/point, 4 replaceable fuses (T1K-FUSE-1) (Use with T1K-16B or T1K-16B-1 terminal base.)	7-38	\$92.00
<b>T1K-16TD2-1</b> 16 pt. 12-24 VDC current sourcing output module, 4pts/common, 1.0A/point, 4 replaceable fuses. (Use with T1K-16B or T1K-16B-1 terminal base.) Note: Replaces T1K-16TD2 with improved derating. Not a direct replacement; simple device wiring change if used as replacement part for T1K-16TD2. See technical specifications.	7-39	\$92.00
<b>T1H-08TDS</b> 8-pt. 5-36 VDC current sinking/sourcing isolated output module, 1 point per common, 2.0A/point, electronic overcurrent protection. (Isolation requires use of T1K-16B or T1K-16B-1 terminal base.)	7-40	\$149.00
<b>T1K-08TA</b> 8 pt. 110-240 VAC output module, 4 points per common, 1.0A/point, 2 replaceable fuses (T1K-FUSE-2) (Use with T1K-08B or T1K-08B-1 terminal base.)	7-41	\$93.00
<b>T1K-08TAS</b> 8 pt. 110-240 VAC output module, Isolated 1 point per common, 2.0A/point, 8 replaceable fuses (T1K-FUSE-3) (Isolation requires use of T1K-16B or T1K-16B-1 terminal base.)	7-42	\$99.00
<b>T1K-16TA</b> 16 pt. 110-240 VAC output module, 4 points per common, 1.0A/point, 4 replaceable fuses (T1K-FUSE-2) (Use with T1K-16B or T1K-16B-1 terminal base.)	7-41	\$129.00
<b>T1K-08TR</b> 8 pt. 5-30 VDC or 5-240 VAC output module, 8 Form A (SPST) relays, 4 points per common, 2.0A/point max., 2 replaceable fuses (T1K-FUSE-2) (Use with T1K-08B or T1K-08B-1 terminal base.)	7-43	\$66.00
<b>T1K-16TR</b> 16 pt. 5-30 VDC or 5-240 VAC output module, 16 Form A (SPST) relays, 4 points per common, 2.0A/point max., 4 replaceable fuses (T1K-FUSE-2) (Use with T1K-16B or T1K-16B-1 terminal base.)	7-43	\$119.00
<b>T1K-08TRS</b> 8 pt. 5-30 VDC or 5-240 VAC isolated relay output module, 8 Form A (SPST) relays, 1 point per common, 7.0A/point max., 8 replaceable fuses (T1K-FUSE-3) (Isolation requires use of T1K-16B or T1K-16B-1 terminal base.)	7-44	\$89.00
<b>T1K-INST-M</b> Terminator I/O Installation and I/O Manual covers bases discrete and analog I/O. Order manual separately.		\$19.00
<b>Terminator I/O Analog Modules</b>		
<b>T1F-08AD-1</b> 8 channel analog input module, 14 bit resolution (13 bit plus sign bit), range: -20 to 20mA, 0-20mA, 4-20mA (Use with T1K-08B or T1K-08B-1 terminal base.)	7-45	\$261.00
<b>T1F-08AD-2</b> 8 channel analog input module, 14 bit resolution (13 bit plus sign bit), range: 0-5VDC, 0-10VDC, +/-5VDC, +/-10VDC (Use with T1K-08B or T1K-08B-1 terminal base.)	7-46	\$279.00
<b>T1F-08DA-1</b> 8 channel analog output, 12 bit resolution, range: 0-20mA, 4-20mA (Use with T1K-08B or T1K-08B-1 terminal base.)	7-51	\$353.00
<b>T1F-08DA-2</b> 8 channel analog output, 12 bit resolution, range: 0-5VDC, 0-10VDC, +/-5VDC, +/-10VDC (Use with T1K-08B or T1K-08B-1 terminal base.)	7-52	\$385.00
<b>T1F-16AD-1</b> 16 channel analog input module, 14 bit resolution (13 bit plus sign bit), range: -20 to 20mA, 0-20mA, 4-20mA (Use with T1K-16B or T1K-16B-1 terminal base.)	7-47	\$381.00
<b>T1F-16AD-2</b> 16 channel analog input module, 14 bit resolution (13 bit plus sign bit), range: 0-5VDC, 0-10VDC (Use with T1K-16B or T1K-16B-1 terminal base.)	7-48	\$382.00

# TERMINATOR FIELD I/O

Part Number	Page	Price (US\$)
<b>Terminator I/O Analog Modules, contd.</b>		
<b>T1F-16DA-1</b> <i>16 channel analog output, 12 bit resolution, range: 0-20mA, 4-20mA (Use with T1K-16B or T1K-16B-1 terminal base.)</i>	7-53	\$558.00
<b>T1F-16DA-2</b> <i>16 channel analog output, 12 bit resolution, range: 0-5VDC, 0-10VDC, +/-5VDC, +/-10VDC (Use with T1K-16B or T1K-16B-1 terminal base.)</i>	7-54	\$593.00
<b>T1F-8AD4DA-1</b> <i>8 channel analog input module and 4 channel analog output module. Inputs: 14 bit resolution (13 bit plus sign bit), range: -20 to 20mA, 0-20mA, 4-20mA. Outputs: 12 bit resolution, range: 4-20mA, sinking or sourcing compatible. (Use with T1K-08B or T1K-08B-1 terminal base.)</i>	7-55	\$339.00
<b>T1F-8AD4DA-2</b> <i>8 channel analog input module and 4 channel analog output module. Inputs: 14 bit resolution (13 bit plus sign bit), range: 0-5VDC, 0-10VDC, +/-5VDC, +/-10VDC. Outputs: 12 bit resolution, range: 0-5VDC, 0-10VDC, +/-5VDC, +/-10VDC. (Use with T1K-08B or T1K-08B-1 terminal base.)</i>	7-56	\$339.00
<b>T1F-16RTD</b> <i>16 channel RTD input module, 0.1 degree C display resolution, supports: Pt100, jPT100, Cu10, Cu25, and Pt1000. No user power supply required. (Use with T1K-16B or T1K-16B-1 terminal base.)</i>	7-50	\$389.00
<b>T1F-14THM</b> <i>14 channel Thermocouple Input Module, 0.1 degree C resolution, supports J, E, K, R, S, T, B, N, C; 0-5VDC, -5 to +5VDC, 0-156mVDC, -156 to +156mVDC at 16-bit resolution. (Use with T1K-16B terminal base only.)</i>	7-49	\$497.00
<b>T1K-INST-M</b> <i>Terminator I/O Installation and I/O Manual covers bases discrete and analog I/O. Order manual separately.</i>		\$19.00
Note: Except where noted, all above modules are designed to operate with 24VDC user-supplied power supply.		
<b>Terminator I/O Specialty Modules</b>		
<b>T1H-CTRIO</b> <i>Terminator I/O High Speed Counter Module, 8 DC sink/source inputs 9-30VDC, 4 isolated sink/source DC outputs, 5-30VDC, 1A per point. Inputs supported: 2 quadrature encoder counters up to 100KHz, or 4 single channel counters up to 100KHz, and 4 high speed discrete inputs for Reset, Inhibit, or Capture. Outputs supported: 4 independently configurable high speed discrete outputs or 2 channels pulse output control, 20Hz-25KHz per channel, pulse and direction or cw/ccw pulses. (Use with T1K-16B or T1K-16B-1 terminal base.)</i>	7-27	\$299.00
<b>HX-CTRIO-M</b> <i>High Speed Counter Interface Manual for all H0-CTRIO, H2-CTRIO, H4-CTRIO and T1H-CTRIO modules. Replaces H24-CTRIO-M. Order manual separately.</i>		\$17.00
<b>Terminator I/O Spare Parts and Accessories</b>		
<b>T1F-CJC</b> <i>Replacement CJC sensor for T1F-14THM thermocouple module</i>		\$15.00
<b>T1K-COVERA-1</b> <i>Terminal block replacement covers, 1/2 size analog modules. Includes T1F-08AD-1 module Cover w/ Numbering label (qty. 2), T1F-08AD-2 module Cover w/ Numbering label (qty. 2), T1F-08DA-1 module Cover w/ Numbering label (qty. 2), T1F-08DA-2 module Cover w/ Numbering label (qty. 2)</i>		\$15.50
<b>T1K-COVERA-2</b> <i>Terminal block replacement covers, full size analog modules. Includes T1F-16AD-1 module Cover w/ Numbering label (qty. 2), T1F-16AD-2 module Cover w/ Numbering label (qty. 2), T1F-16DA-1 module Cover w/ Numbering label (qty. 2), T1F-16DA-2 module Cover w/ Numbering label (qty. 2)</i>		\$12.00
<b>T1K-COVERD-1</b> <i>Terminal block replacement covers, 1/2 size AC/DC modules. Includes T1K-08ND3 module Cover w/ Numbering label (qty. 2), T1K-08NA module Cover w/ Numbering label (qty. 2), T1K-08TD1 module Cover w/ Numbering label (qty. 2), T1K-08TA module Cover w/ Numbering label (qty. 2), T1K-08TR module Cover w/ Numbering label (qty. 2)</i>		\$17.50
<b>T1K-COVERD-2</b> <i>Terminal block replacement covers, full size AC/DC modules. Includes T1K-16ND3 module Cover w/ Numbering label (qty. 2), T1K-16TD1 module Cover w/ Numbering label (qty. 2), T1K-16NA-1 module Cover w/ Numbering label (qty. 2), T1K-16TD2 module Cover w/ Numbering label (qty. 2)</i>		\$17.50
<b>T1K-COVERD-3</b> <i>Terminal block replacement covers, full size AC/DC/Relay modules. Includes T1K-08TAS module Cover w/ Numbering label (qty. 2), T1K-16TA module Cover w/ Numbering label (qty. 2), T1K-08TRS module Cover w/ Numbering label (qty. 2), T1K-16TR module Cover w/ Numbering label (qty. 2)</i>		\$17.50
<b>T1K-FUSE-1</b> <i>Fuse, for DC output modules, pack of 5</i>		\$9.00
<b>T1K-FUSE-2</b> <i>Fuse, for AC/relay output modules, pack of 5</i>		\$11.00
<b>T1K-FUSE-3</b> <i>Fuse, for isolated AC/relay output modules, pack of 5</i>		\$11.00
<b>103658</b> <i>ERNI Erbic brand Profibus certified standard node vertical connector. 9-pin male D-sub, gray, for use with Terminator I/O T1H-PBC or any Profibus ISA/PCI personal computer master/slave card.</i>	7-23	\$45.00
<b>103659</b> <i>ERNI Erbic brand Profibus certified standard termination vertical connector. 9-pin male D-sub, yellow, for use with Terminator I/O T1H-PBC or any Profibus ISA/PCI personal computer master/slave card.</i>	7-23	\$46.00