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Datasheet



Keltron TLC Series Compact Thermal Printer



Compact size

Feature rich

Low cost

The Keltron TLC compact printer is a panel mountable, 24-64 column, software-switchable thermal printer. It provides a hard copy record of critical processes and is useful in industrial and commercial applications where small size and low costs are important considerations.

TLC Series benefits

TLC Series printers are unusually compact - only 4.8 inches deep - yet they offer a comprehensive list of standard features. Paper is replaced through front panel access without separation of either power or signal connections. Since no connections are made or broken, there is reduced wear on the connectors and paper loading is quick and easy. The TLC Series is available in a variety of power and communications interface configurations.

TLC Series features

A full 256 character ASCII set, self test on power up and choice of character font are just a few of the many standard features in this unusually compact and highly reliable printer including:

- Time and date stamp
- Built-in interval timer - 15 preset intervals
- Battery back up
- Compact size - only 4.88" deep
- Software-selectable column widths 24-64
- Serial RS232C interface
- Front access for easy paper replacement while printer is on
- Multiple power input options
- Standard 2K character buffer
- 2.2 lines per second print speed
- Membrane switch front panels - no protruding hardware
- 15 pound thermal paper
- Line counter
- 2.5" depth models available w/ or w/out paper takeup

Keltron develops and manufactures universally-compatible, UL listed life safety event management systems for the municipal and proprietary markets. Solutions include Ethernet signaling systems, active network radio systems, distributed multiplex systems, digital communicator/receiver systems, and direct wire systems. This document is not intended for installation or maintenance purposes. All specifications are subject to changes without notice. For more information visit www.keltroncorp.com or contact us at 781-894-8710.

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SPECIFICATIONS

DATA/CONTROL INTERFACE

Serial RS232C

Connector	DB25S
Baud rates	150 to 9600, dipswitch selectable
Stop bits, parity	dipswitch selectable
Handshaking	XON/XOFF; RTS/CTS

PRINT CHARACTERISTICS

Printhead	Fixed head thermal
Life	100Km
Print rate	1.8 lines per second
Dots per line	384
Fonts	Normal, tall
Paper out sensor	Photo interrupter
Column widths	Software selectable: 24, 32, 40, 42, 48, 64

PAPER

Width	2.25 inches
Length	80 feet nominal
Diameter	2.0" inches
Thickness	80 mm (15#)
Type	Thermal

DC POWER CONSUMPTION

+5 VDC	2A peak (printing)
+7.5 to 13.6 VDC	Power drain @ 8VDC 80mA (idle) and 1.2A (printing) w/2A peak
+9 to 35 VDC	10 watts peak (printing)

Consult factory for additional power information

FRONT PANEL INDICATORS

Power on indicator-green LED
 Paper out indicator-yellow LED

ENVIRONMENT

Temperature	0° to + 50° C, ambient
Relative Humidity	20% to 85%, non-condensing

ORDERING INFORMATION

MODEL#	#COL.	POWER OPT.	INTERFACE*
TLC240/5	24-64	+5 VDC	RS232C
TLC241/5	24-64	115 VAC	RS232C
TLC242/5	24-64	220 VAC	RS232C
TLC243/5	24-64	7.5 to 13.6 VDC	RS232C
TLC244/5	24-64	9 to 35 VDC	RS232C

* Consult Keltron for RS422 and RS485 interface information.

SOFTWARE CLOCK/CALENDAR

(accuracy = ± 4 minutes/yr)

DIMENSIONS

Panel cut-out	2.85" X 4.65"
Case	2.83" X 4.5" X 4.88"
Front panel	3.125" X 5.50"
Weight	1.6 lbs.

OPTIONS

Paper take up
 Shallow depth

