



## Product Data Sheet

# KTD-410U

### Overview

The KTD-410 is a protocol converter that translates Digiplex® RS422 protocol to ASCII RS232 protocol and vice versa, making it possible to transmit data over standard telephone or fiber optic lines that do not accept constant data.

### Outstanding Features

The KTD-410 can be programmed to function in one of two modes: Digiplex RS422 in / ASCII RS232 out or ASCII RS232 in / Digiplex RS422 out. Repeating and non-repeating messages can be transmitted. Repeating messages are terminated when the KTD-410 receives the stop-form of the original message, a competing command or the special  $\zeta$ universal cancel $\zeta$  command.

Depending on mode, the KTD-410's built-in LED can indicate when an ASCII signal or non-token Digiplex command is being sent or when a Digiplex signal is being received.

### Standard Features

- Translates Digiplex RS422 protocol to ASCII RS232 protocol and vice versa
- Transmits repeating and non-repeating messages
- LED status indicator
- Compact: 106.17 x 60.96 x 25.40 mm

# KTD-410U

## Specifications

Electrical	
Input voltage	9 VAC or 12 VDC
Input power	0.6 W
Input data signal	RS-422 or RS-232
Output data	RS-422 or RS-232
Output analogue	0 to 5 VDC
Controls	
12-position DIP switch data term.	DIP switch positions 11 and 12
Mechanical	
Weight	90 g
Material	Molded black ABS - UL 94 HB
Connections	
	10-position removable terminal strip
Power	5 mm DC power connector
Data signal input	Terminal positions 1, 2
Data signal output	Terminal positions 3, 4
RS-232 ASCII Input	Terminal positions 5, 7
RS-232 ASCII Output	Terminal positions 6, 7
Options	
External voltage (LT)	When 115 VAC power is not available, the KTD-410 can be ordered without the 115 VAC/9 VAC plug-in power supply. In this case, the installer must provide a 9 VAC or 12 VDC power source.

## Ordering Information

Part No.	Description
KTD-410U	Protocol converter

