TTL Converters MWT10-5

◆ RS-232 to 5V TTL Converter(DB9)

➢ Features

- Port Powered: no external power is necessary
- Data Direction, auto-turnaround, no flow control is necessary
- Plug-and-Play (Device is hot-pluggable)
- Built-in surge protection, static protection and circuit protection

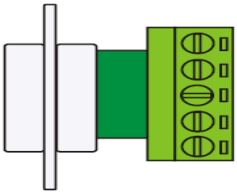
➢ Introduction

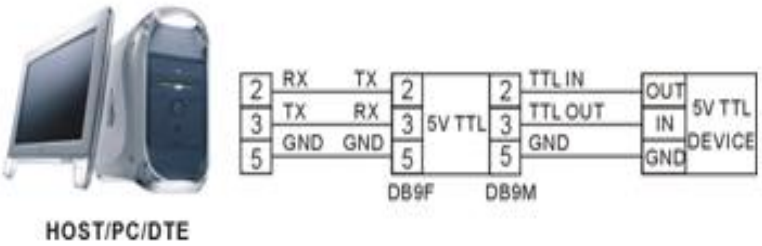
The UPCOM MWT10-5 is a bi-directional port powered RS-232 to 5V TTL converter in a 9 pin format. It can convert any standard full duplex RS-232C port to a 5V TTL signal and vice versa. The unit is powered from the RS-232 data lines. It also supports data direction auto-turnaround. Therefore, no external power or flow control is required. The data direction auto-turnaround automatically enables the TTL driver when data is present on the RS-232 side making the device plug-and-play, requiring no software drivers. The MWT10-5 has a DB9 female connector on the RS-232 side and either a DB9 male connector or 5-way terminal block on the TTL side. Separate terminal block is included in package.

➢ Specification

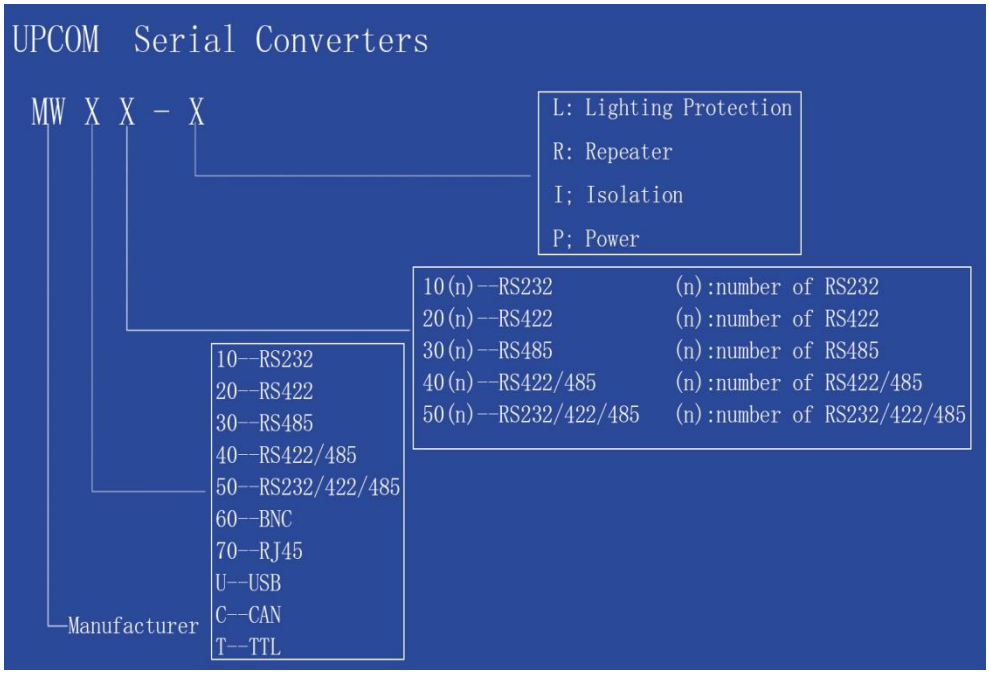
Technology	
Standards	EIA RS-232C standard
RS-232 signal	TX, RX, GND
TTL signal	IN, OUT, GND
Baud rate	300~115200bps
Transfer distance	5V TTL side:3m,RS-232 side: no less than 5m
Connectors	RS-232 Side: DB9 Female and,5V TTL Side: DB9 Male or 5 bit Terminal Block
Port protect	600W surge protection, 15KV ESD protection
Power	
Power	Port powered from RS-232 data lines
Current consumption	Less than 10mA
Environment	
Operating temperature	-10℃ to 60℃
Storage temperature	-40℃ to 85℃
Humidity	5% to 95%(no condensation)
Appearance	
Dimensions	62.8mm×33.8mm×17.8mm,80.3mm×33.4mm×18.6mm (with terminal block)
Material	Iron(shell)
Weight	24g (with terminal block: 36g)
Warranty	5 years
Approvals	FCC, CE, RoHS approvals

➢ Dimension





➢ Ordering Information



➢ Packing List

- MWT10-5×1
- Separate terminal block(DB9F to 5 bit) ×1
- User manual ×1