## Q. How to wire a 5-wire tDS/tGW-712 with a 9-wire PLC?

A: In order to make tDS/tGW-712 have a proper wire with 9-wire PLC/device,

Please short DTR/DSR pin on PLC's end because tDS/tGW-712 is equipped with one 5-wire RS-232 port.

Take following standard RS-232 DB-9 for example:
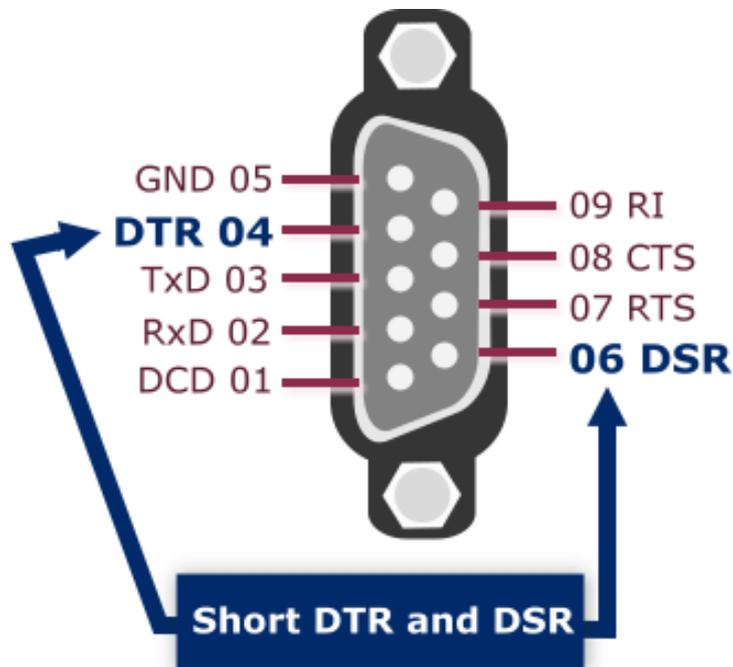
tDS/tGW-712 (5-wire RS-232) connects PLC (9-wire RS-232):
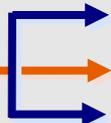
tDS-712 tGW-712				PLC	
Description	PIN	Short	PIN		Description
-	-	1	1	DCD	Data Carrier Detect
Receive Data	RxD	2	2	RxD	Receive Data
Transmit Data	TxD	3	3	TxD	Transmit Data
-	-	4	4	DTR	Data Terminal Ready
Signal Ground	GND	5	5	GND	Signal Ground
-	-	6	6	DSR	Data Set Ready
Request to Send	RTS	7	7	RTS	Request to Send
Clear to Send	CTS	8	8	CTS	Clear to Send
-	-	9	9	RI	Ring Indicator