

INTRODUCTION

The 2100421 TFIO Module is a software configurable serial interface capable of communicating with RS-232, RS-422 or two-wire RS-485 devices at baud rates from 300-38,400bps. This module does not support Legacy (3 wire) UCI direction control.

POINT SPECIFICATIONS

VBATT: TFIO Bus ioVBB @ 2A Max
SW. VBATT: TFIO Bus ioVBB @ 2A Max

TRANSIENT SPECIFICATIONS

VBATT: 1500W @ 15V
SW. VBATT: 1500W @ 15V
Communication signals: 400W @ $\pm 12V$,
IEC 1000-4-2,
IEC 1000-4-4 10/1000usec
(non-repetitive)



TFIO Communications Interface Module, RS-232 Mode Pin Designations				
	J1	J2	J3	J4
1	CTS (input)	RTS (output)	N/A	N.C.
2	RXD (input)	TXD (output)	N/A	N.C.
3	GND	GND	N.C.	N.C.
4	VBATT	SW.VBATT	N.C.	N.C.

Communications Interface Module, RS-422 / RS-485 Mode Pin Designations				
	J1	J2	J3	J4
1	RCV+	XMT+	TRM+	N.C.
2	RCV-	XMT-	TRM-	N.C.
3	GND	GND	N.C.	N.C.
4	VBATT	SW.VBATT	N.C.	N.C.

Note: RCV+, XMT+ and RCV-, XMT- respectively must be connected together to form BUS+ and BUS- signals for two wire RS-485 mode operation.

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