

USB Bus

Compliance	USB 1.0/1.1 compliant, USB 2.0 & 3.0 compatible
Speed	12Mbps, full-speed USB
FIFO	128 byte transmit 384 byte receive

Serial Interface

Interface	RS-232/422/485
Number of Ports	1
Connector	DB9 male 6-pin terminal block
Max. Speed	921.6kbps for transmit & receive
RS-232 Signals	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND, RI
RS-422 Signals	TxD-, TxD+, RxD+, RxD-, GND, RTS+, RTS-, CTS+, CTS-
RS-485 Signals (4-wire)	TxD-, TxD+, RxD+, RxD-, GND
RS-485 Signals (2-wire)	Data-, Data+, GND
Protection	10kV ESD protection for all signals

Serial Communication Parameters

Data Bits	5, 6, 7, 8
Parity	None, odd, even, mark, space
Stop Bit	1, 1.5, 2
Flow Control	Hardware (RTS, CTS), XON/XOFF

Power

Power Input	Power supplied via USB (5V) connector No external power needed
Power Output	5V, 150mA through pin 5 of terminal block

Mechanical

Casing	SECC metal chassis with DIN rail bracket
--------	--

Environmental

Operating Temperature	0°C to 55°C (32°F to 131°F)
Storage Temperature	-20°C to 75°C (-4°F to 167°F)
Operating Humidity	5% to 95% RH
Safety Approvals	CE, FCC



Gleneagles House, 31 Riverside Road, West Moors, BH22 0LG

Tel: 01202 861512

www.roalan.com

Registered in England No. 04591605