

### TSAN 025 INTEGRA SCHNEIDER QUANTUM

#### Dataradio Technical Support

For additional assistance: [www.dataradio.com](http://www.dataradio.com)

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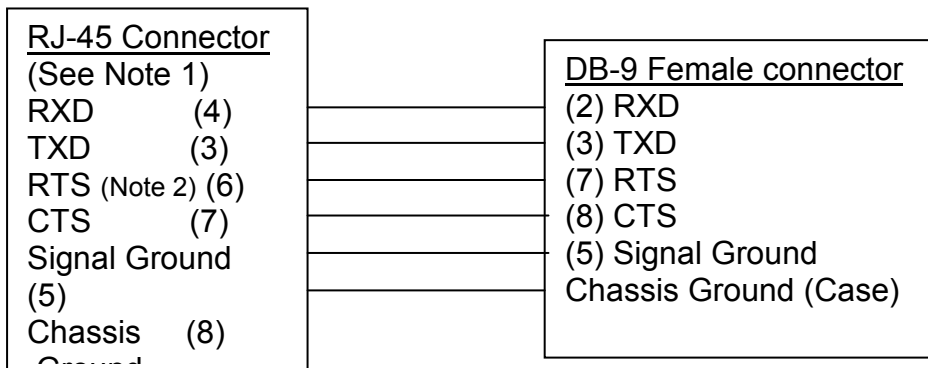
#### **Product:** Integra Wireless Modem

#### **Application:** Interface to Group Schneider Quantum and Momentum PLCs

Group Schneider Quantum and Momentum PLCs use an RJ45 connector on the PLC for serial connections. Pin 1 provides 5 volts DC from the PLC; DO NOT connect to Integra serial port. Set for MODBUS protocol.

#### PLC Serial Port

#### Integra Wireless Modem Serial Port



Information: Refer to Schneider documents 870USE101.10V.2 page 117 for M1 processors.

Note 1: RJ-45 Connector to DB-9 Schneider part #110XCA20301, RJ-45 Flat cable 110XCA28202

Note 2: RTS and CTS can be jumpered at PLC side if required.

Integra in DOX mode does not need RTS/CTS control signals. Integra does not require DSR and DTR.

**Integra Set-up** (typical set-up from a 9600bps, half-channel working system) using Integra Field Programming Software

### Modem Tab

Compatibility- As required

Data Delivery- All

Network speed- 9600 bps

TX Online Diagnostics- Checked

Unit type- Master or remote

CWID Interval- Disabled (0)

Extended Preamble- 5

Suspend Period- Disabled (0)

Activity Timeout- Not used

### COM/Analog Tab

Communication Control- DOX

DTE baud rate- 19200

DTE data format- 8 bits, even parity  
1 stop

Data Forward Timer- Normal

Break- Ignore Break

Deferred Data Delivery- 0

DCD activity-active

### Radio Tab

Transceiver Type-transceiver

Disable TX w/carrier present  
-disabled

Carrier Sense- set as required  
for system operation

Radio Frequencies-  
programmed as required by  
system

Time Out timer- 30 or as  
required by message size