PANEL GUIDE

ESMI FX – RS485

Updated April 9, 2025

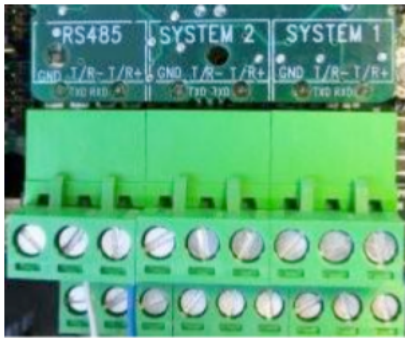
Latest information
https://www.csl-group.com/panel-guides/schneider/esmi-fx-rs485/

Panel Connection – RS485

Manufacturer	Schneider Electric ESMI
Model	ATS
Minimum Panel Firmware	FX-MC card fitted with a FX-SAB module
Panel Profile	ESMI-FIRE-RS485
Panel Bus Connection	RS485
Technical Notes	If an EN54-compliant installation is required, please also follow the instructions in the DualCom Pro 2 Fire EN54 Variant Quick Guide.

Panel Connection Information

RS485 A	T/R+
RS485 B	T/R-
RTN	GND



Panel Programming

- ESMI FX Serial Connections: The DualCom Pro can be connected to the ESMI FX RS485 port. This port supports alarm signalling from the panel and it is recommended that this be used in addition to the EN54-21 signalling using the hardwired connections as detailed above.
- RS485 port: The connection is provided from a FX-MC card fitted with a FX-SAB module.
- WinFX: The port needs to be configured in the panel to communicate with the DualCom Pro. This is best done using the WinFX Configuration Program. Set RS485 port protocol to 'INFO' and speed the port data rate to '1200' (see above for image).