

Termination Blocks

Installation Instructions

Third-party devices may or may not have onboard termination jumpers (consult the manufacturer's instructions for termination information). For devices that have no termination capabilities or do not supply the required termination resistance, Emerson offers termination blocks that can be used.

To terminate MODBUS network endpoints, use P/N 535-2711; 150 ohm termination required for all E2, E3 or Site Supervisor RS485 networks (do not use 120 ohm termination even if supplied with end of line device). To terminate Echelon network endpoints, use P/N 535-2715.

Wire the termination block across the RS485 + and RS485 – terminals of the end device on the daisy chain.

Connect the block to the end device on the daisy chain using six inches or less of wire from the network cable used for the daisy chain (Figure 2), and optionally if recommended, connect the shield wire to earth ground, keeping the exposed shield wire length as short as possible (three inches ideal maximum length).

Part Number	Description	Use For	Ohms
535-2711	MODBUS Termination Block	MODBUS Termination Resistance	150 ohms
535-2715	Echelon Termination Block	Echelon Termination Resistance	105 ohms
535-2710	OBSOLETE		52.5 ohms

Table 1 - Emerson Termination Blocks



Figure 1 - Termination Block

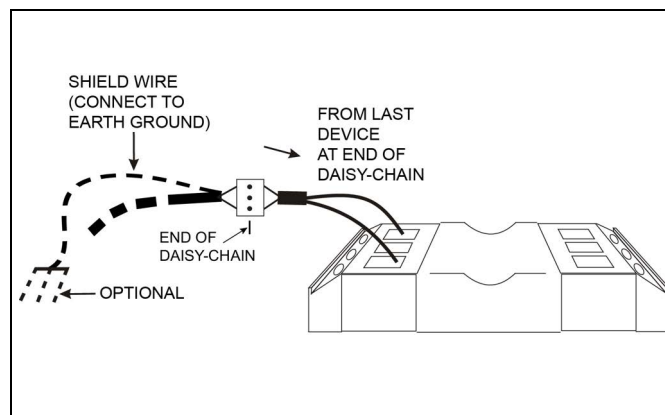


Figure 2 - Termination Block After Last Device on Daisy Chain

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