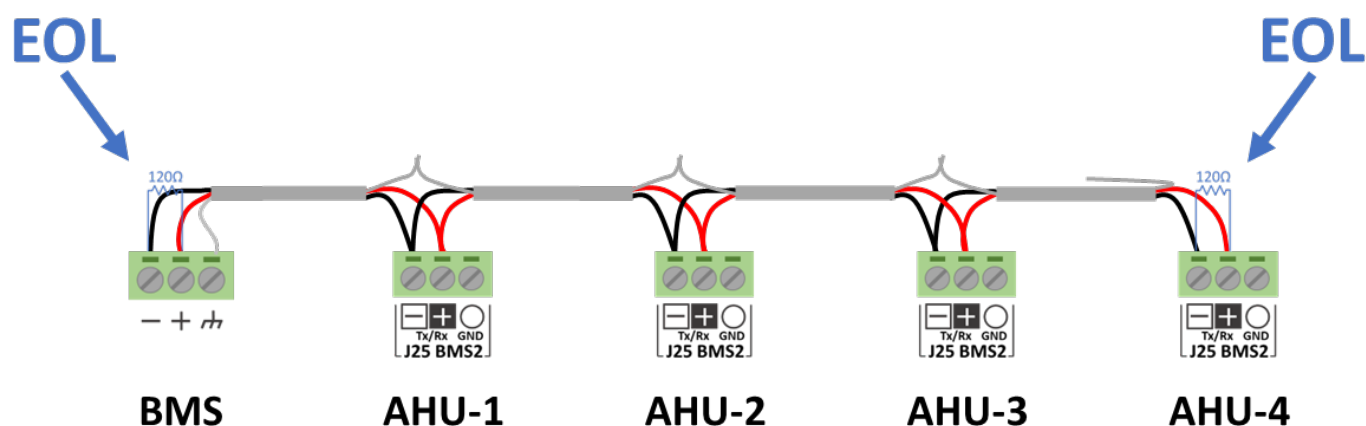


Frequently Asked Questions

When are end-of-line (EOL) resistors recommended for BACnet MSTP?

Recommendation

End-of-Line (EOL) resistors are recommended for **all** BACnet MS/TP links. Use two 120-ohm resistors, one at each end of the daisy chain link. The installation of EOL resistors is always recommended, however they are especially important for long links or anytime communications issues are being reported.



Note: Depending on the link configuration, the BMS controller may not be at one of the link ends. In those and in all other daisy chain configurations, apply the end-of-line resistors to the controllers at each end of the chain.

Background

Adding end-of-line resistors to the daisy chain link suppresses (electrical) reflections at each end, thereby improving the robustness of the BACnet communication for the entire link. The installation of the network cabling and associated termination resistors is normally the responsibility of the controls contractor, or the subcontractor hired for the installation of the communication cabling.