

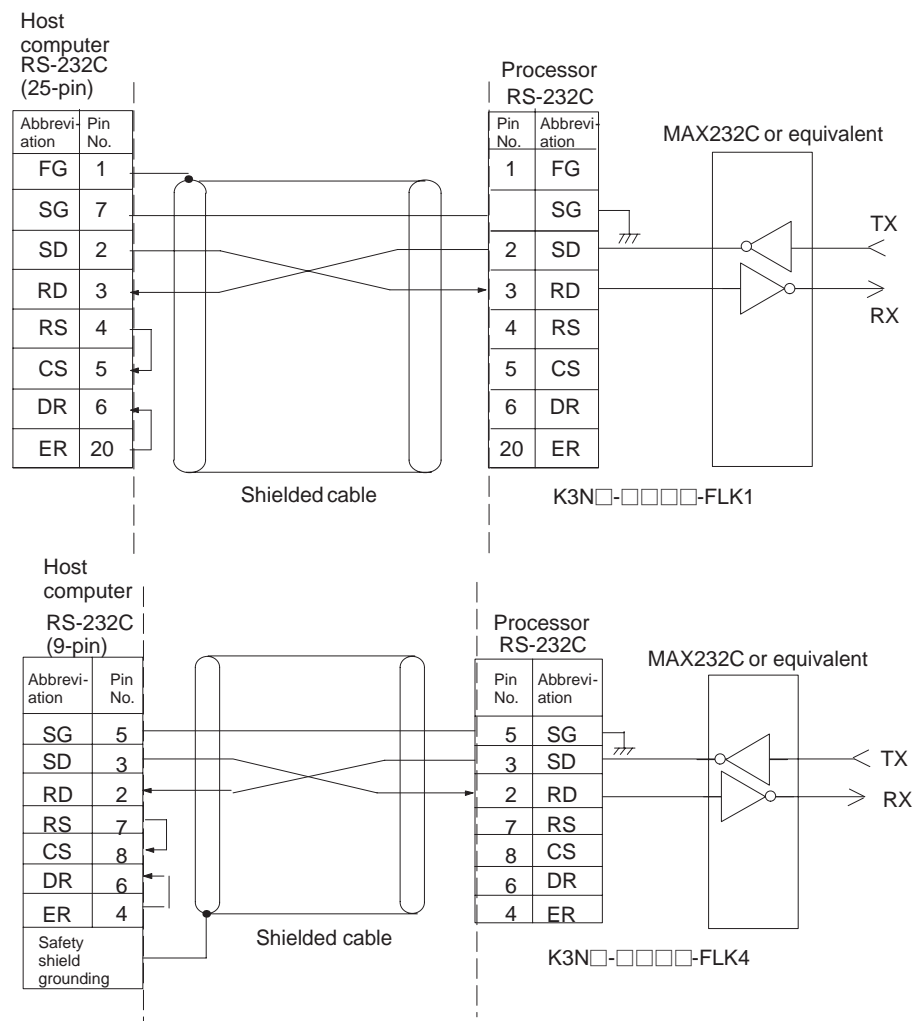
Wiring

RS-232C

RS-232C connections are one-to-one.

The max. cable length is 15 m. Use an RS-232C optical interface when extending the transmission line beyond 15 m.

Use a shielded, twisted-pair cable (AWG 28 or larger).



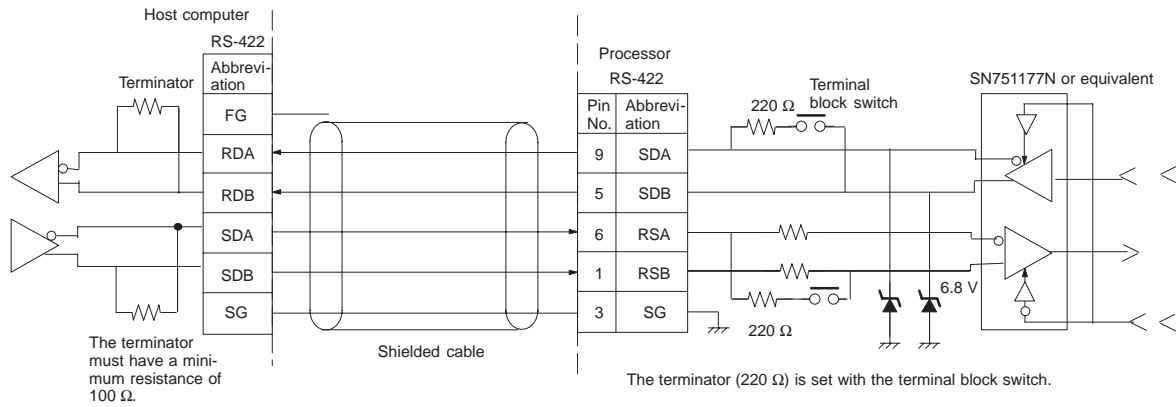
RS-422

RS-422 connections can be one-to-one or one-to-N when a 3G2A9-AL001 Link Adapter is used. A maximum of 32 Units (including the host computer) can be connected in one-to-N systems.

The total cable length can be 500 m max.

Use a shielded, twisted-pair cable (AWG 28 or larger).

Be sure to turn ON the terminator switches only in the devices at each end of the transmission line.



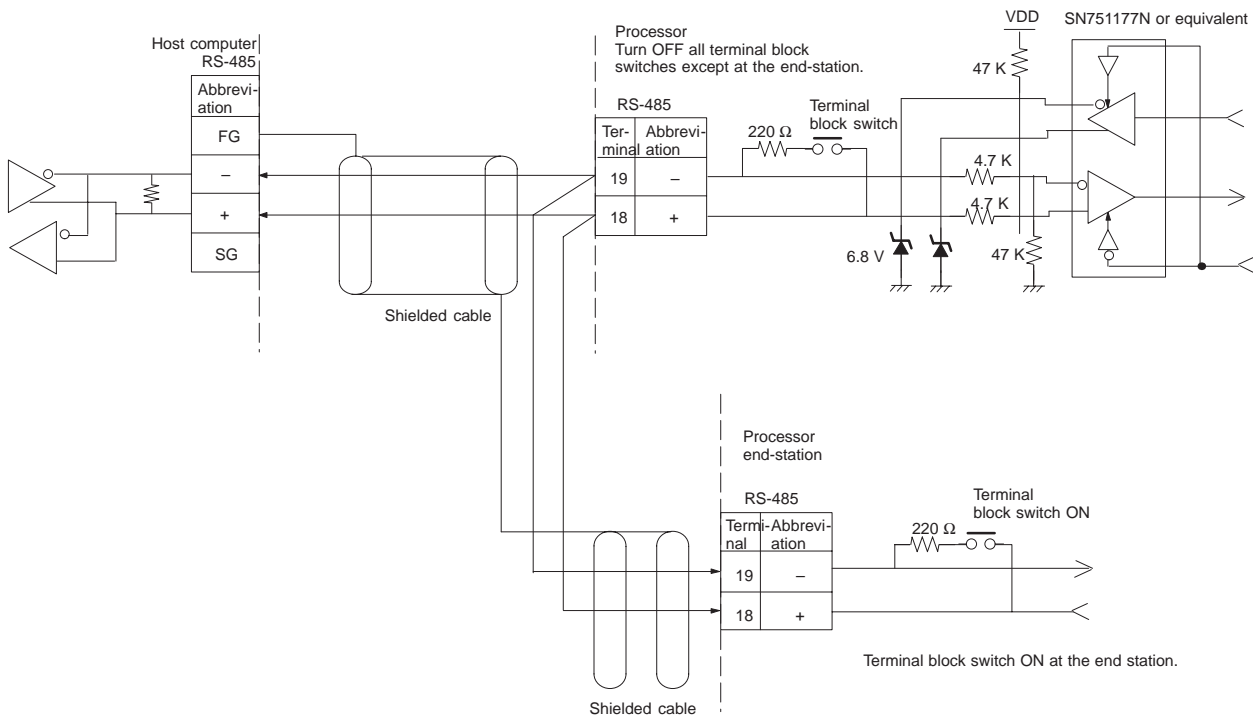
RS-485

RS-485 connections can be one-to-one or one-to-N. A maximum of 32 Units (including the host computer) can be connected in one-to-N systems.

The total cable length can be 500 m max.

Use a shielded, twisted-pair cable (AWG 28 or larger).

Be sure to turn ON the terminator switches only in the devices at each end of the transmission line.



Note SYSMAC BUS Wired Remote I/O devices cannot be connected.

Match the communications format of the K3N□ and the host computer. If a one-to-N system is being used, be sure that the communications formats of all devices in the system (except individual Unit numbers) are the same.

This section explains how to set the K3N□'s communication format. Refer to your computer's user's manual for details on changing its communications settings.