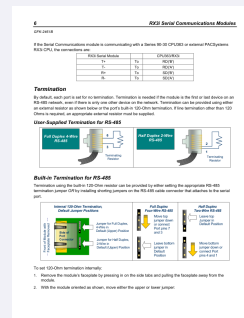


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

IC695CMM004-E

Serial Communications Module



PRODUCT	IC695CMM004-E
FAMILY	PACSystems RX3i
FUNCTION	Serial Communications Module
SOURCE	GE Fanuc GFK-2461B, CMM004 family common serial specifications

01 OFFICIAL MOUNTING AND WIRING

- Use the built-in 120-ohm termination only at the specified RS485 line ends.
- Remove the faceplate by pressing its side tabs before changing internal jumpers.
- Set the upper or lower jumper according to the two-wire or four-wire diagram.

AMIKON PRODUCT SUPPORT

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GFK-2461B

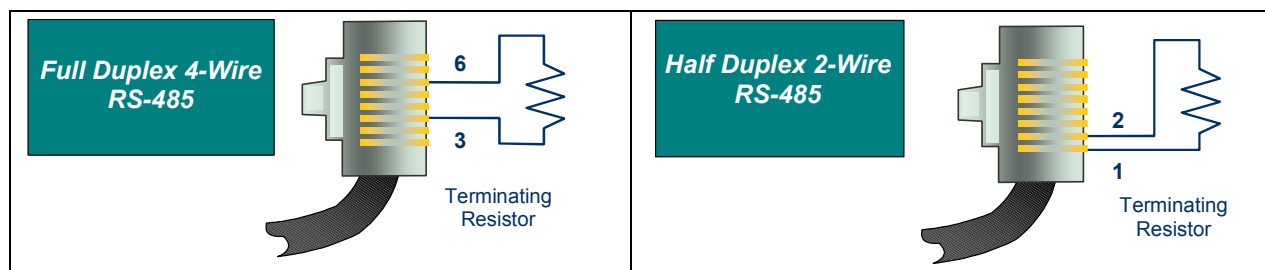
If the Serial Communications module is communicating with a Series 90-30 CPU363 or external PACSystems RX3i CPU, the connections are:

RX3i Serial Module		CPU363/RX3i
T+	To	RD('B')
T-	To	RD('A')
R+	To	SD('B')
R-	To	SD('A')

Termination

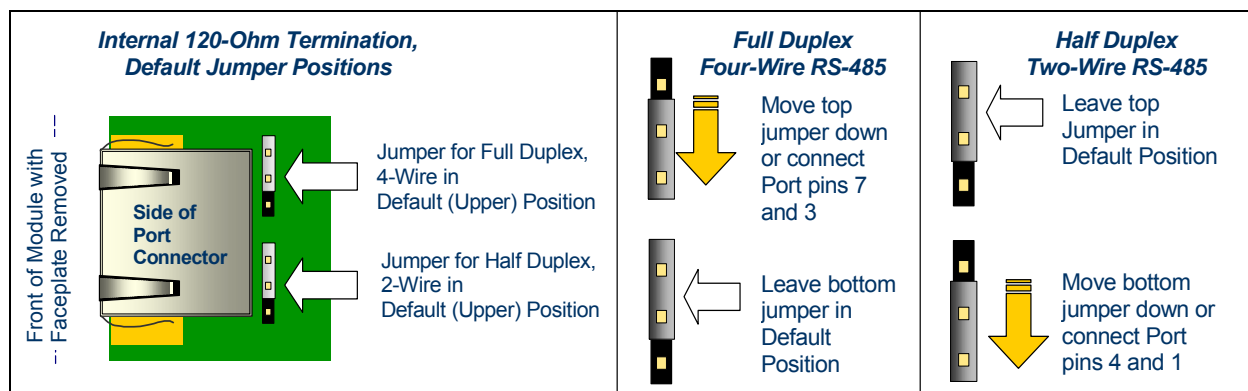
By default, each port is set for no termination. Termination is needed if the module is the first or last device on an RS-485 network, even if there is only one other device on the network. Termination can be provided using either an external resistor as shown below or the port's built-in 120-Ohm termination. If line termination other than 120 Ohms is required, an appropriate external resistor must be supplied.

User-Supplied Termination for RS-485



Built-in Termination for RS-485

Termination using the built-in 120-Ohm resistor can be provided by either setting the appropriate RS-485 termination jumper *OR* by installing shorting jumpers on the RS-485 cable connector that attaches to the serial port.



To set 120-Ohm termination internally:

1. Remove the module's faceplate by pressing in on the side tabs and pulling the faceplate away from the module.
2. With the module oriented as shown, move *either* the upper or lower jumper: