Fuji Electric
e-Front runners

APPLICATION NOTE	FECA-AN-165
Three-Wire Start/Stop **Wiring and Function Codes**	

Inverter type   FRENIC Mini (C2) series
Software version   All versions
Required options   None
Related documentation -
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Revision

Introduction:

This application note addresses the wiring and function code setup for three-wire start/stop operation using the **FRENIC Mini (C2)** drive. When started by pushing the FWD or REV push button, the X1 terminal holds that corresponding FWD or REV run command. When the STOP push button is pressed, the run command is released, and the drive stops.

Note 1: FWD and REV are normally-open, momentary contacts. STOP is a normally-closed, momentary contact. These contacts are customer-supplied.

Note 2: For more information concerning three-wire operation, refer to page 5-35 of **FRENIC Mini (C2) Instruction Manual**.

TABLE 1: Function Code Settings

Function Code	Setting	Description
F02	1	Enable terminal FWD/REV run command
E01	6	(HLD) Enable 3-wire operation – X1 terminal

WIRING DIAGRAM