

New Information

SVReadyE

SV9000 AF Drives

SVReady™ User Manual Multi-Step Speed Control Application

Description

This supplement to your SV9000 Multi-Step Speed Control Application Manual provides new programming and setup information for the SVReadyE software shipped to you.

The SVReadyE software provides —

- 3 new parameters.
 - A keypad Stop button setting that is always active by default.
 - Single-phase input capability.
 - 120V I/O option board support.
 - A modified 3-wire Start/Stop.
 - A Ramp to Stop default setting.
 - “Out of the Box” default control to the control panel.
- to the Multi-Step Speed Control Application program.

Additions to Page 3-9

3.5.1 Parameter tables

Input signal parameters, Group 2

Code	Parameter	Range	Step	Default	Custom	Description
2.17	120V I/O option board	0—1	1	0		0 = No 1 = Yes

Changes and Additions to Page 3-12

Group 4, Drive control parameters

Code	Parameter	Range	Step	Default	Custom	Description
4.7	Stop function	0—1	1	1		0 = Coasting 1 = Ramping
4.12	Keypad stop active	0—1	1	1		0 = No 1 = Yes

Additions to Page 3-13

Group 7, Protections

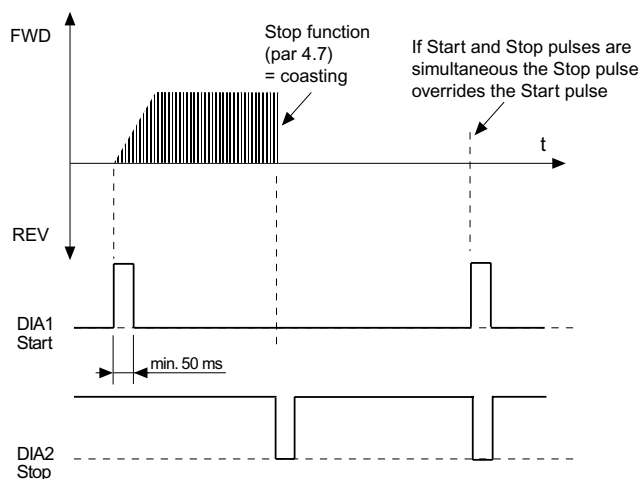
Code	Parameter	Range	Step	Default	Custom	Description
7.18	Input phase supervision	0—2	2	2		0 = No action 2 = Fault

Changes to Page 3-16

Parameter 2.1 Start/Stop logic selection

- 3: 3-wire connection (pulse control):
 DIA1: closed contact = start pulse
 DIA2: **open** contact = stop pulse
 (DIA3 can be programmed for reverse command)
 See figure 3.5-3.

NOTE: If P2.1 = 0 (default), the drive will restart automatically if Run enable signal is removed and reapplied while maintaining the start input.
 If P2.1 = 3, a new start command must be issued to restart the drive if Run enable signal is removed and reapplied.



Additions to Page 3-21

2.17 120V I/O option board

Supports the 120V I/O option board.
 If parameter is set to "1," but the board is not installed, alarm A52 "Opt. Card not ins." will be displayed.
 0 = No (board not used)
 1 = Yes (board used)

Additions to Page 3-28

4.12 Keypad stop active

When set to "Yes," the keypad Stop button will always be active. If set to "No," the keypad Stop button is active only when the keypad is the active control source.
 0 = No (keypad Stop button deactivated when remote control is active)
 1 = Yes (keypad Stop button is always active)

Additions to Page 3-35

7.18 Input phase supervision

Setting this parameter to "0" disables phase supervision in order to disable the phase loss fault.
 0 = No Action
 2 = Fault

**WARNING:**

If the Phase Supervision is disabled in order to use the drive with a single phase input source, the drive must be properly sized for single phase application. Contact your Cutler-Hammer Representative for sizing information.