

6.30 Forced fire-speed control function

F550: Forced fire-speed control selection

F294: Preset-speed frequency 15

- Function

With forced fire-speed control, operate the motor at the specified frequency in case of an emergency. Two kinds of operation are selectable by assignment of input terminal function.

(1) Input terminal function 56 (FORCE) : Input signal is retained once signal is ON.

Motor runs at the speed set by the parameter "F294".

Motor is forced to operate in case of light failure.

(2) Input terminal function 58 (FIRE) : Input signal is retained once signal is ON.

Motor runs at the speed set by the parameter "F294".

Note: In either case, power terminal should be off in order to stop.

[Parameter setting]

Title	Function	Adjustment range	Default setting
F550	Forced fire-speed control selection	0: Disabled 1: Enabled	0
F294	Preset-speed frequency 15	LL - UL (Hz)	0.0

[Setup example of input terminal]

When the terminal "RES" is assigned.

Title	Function	Adjustment range	Setting value
F113	Input terminal selection 3A (RES)	0 - 203	56 (Forced run operation) or 58 (Fire speed operation)

Each setting value 57, 59 are reverse signal.

- "FIRE" and output frequency are blinking during forced run operation and fire-speed operation.