Firmware Upgrade for the Converter Unit FR-CC2 Series

Thank you for your continued patronage of Mitsubishi Electric drive control products.
The firmware of the FR-CC2 series converter units will be upgraded to improve functionality.

1. Products Affected

FR-CC2 series

2. Details of the Change

◆ Input phase loss (IPL) signal added
The function to output the Input phase loss (IPL) signal when the converter unit detects an input phase loss is added.
The output is enabled by setting "252 or 352" in Pr.190 to Pr.195 (Output terminal function selection) to assign the function.

Pr.	Name	Initial value	Setting value	Description
190	RDB terminal function selection	111		
191	RDA terminal function selection	11		
192	IPF terminal function selection	2		Select the open collector output terminal function. The Input phase loss (IPL) signal will be added.
193	RSO terminal function selection	209	252, 352	
194	FAN terminal function selection	25		
195	ABC1 terminal function selection	99		Select the relay output terminal function. The Input phase loss (IPL) signal will be added.
872	Input phase loss protection selection	0	0, 1	*

* Use Pr.872 to select whether or not to detect the input phase loss.

Pr.872	Input phase loss detection	Operation
0	Not available	The Input phase loss (IPL) signal does not turn ON even when the input phase loss occurs.
1	Available	The Input phase loss (IPL) signal turns ON when the input phase loss occurs.

3. Date of Change

The change will be sequentially applied to the products manufactured in December 2024 or later.

4. Product Identification

The SERIAL (determined by date of production) can be checked on the product's rating plate.

SERIAL example on rating plate

□   4   Z   ○○○○○○
Symbol Year Month Control number

SERIAL

SERIAL example on packaging plate

□   4   Z   ○○○
Symbol Year Month Control number

SERIAL

The SERIAL consists of one symbol, two characters indicating the production year and month, and the control number (six characters for the rating plate, three characters for the packaging plate).

The last digit of the production year is indicated as the Year, and the Month is indicated by 1 to 9, X (October), Y (November), or Z (December).