

# MITSUBISHI ELECTRIC Inverter

## Sales and Service

No. 690E

### FR-A800, FR-A800 Plus, and FR-F800 Series Inverters and FR-CC2 Series Converter Unit Certified as Complying with UL 61800-5-1

Thank you for your continued patronage of Mitsubishi Electric drive control products.

The FR-A800, FR-A800 Plus, and FR-F800 series inverters and the FR-CC2 series converter units will be certified as compliant with UL 61800-5-1/CSA C22.2 No. 274.

#### 1. Products Affected

Series	Capacity	Remarks
FR-A800 (not including FR-A800-P)	All capacities	FR-A846 is to be certified in 2024.
FR-A800 Plus (not including FR-A800-LC)	All capacities	-
FR-F800	All capacities	FR-F846 is to be certified in 2024.
FR-CC2	All capacities	-

\* The changes mentioned in this document are not applied to the models already compliant with UL 61800-5-1.

#### 2. Details of Change

The above models will be compliant with both UL 61800-5-1/CSA C22.2 No. 274 and UL 508C.

(The FR-A860-00027, 00061, and 00090-1-N6 will be compliant with UL 61800-5-1 only.)

The following table shows the differences between the standards.

For precautions or other information, refer to the Instruction Manual Supplement shown in the table on the next page.

The change does not affect the quality, performance, or specifications of the products.

Difference	UL 61800-5-1/CSA C22.2 No. 274	UL 508C
Branch circuit protection	Semiconductor fuse	Molded case circuit breaker (MCCB) Type E combination motor controller
Applicable power supply	For use at an altitude above 2000 m (maximum 2500 m), only a neutral-point earthed (grounded) power supply can be used.	Not restricted

<b>Date of issue</b>	August 2023	<b>Title</b>	FR-A800, FR-A800 Plus, and FR-F800 Series Inverters and FR-CC2 Series Converter Unit Certified as Complying with UL 61800-5-1	Mitsubishi Electric Corp., Nagoya Works 5-1-14 Yada-minami, Higashi-ku, Nagoya 461-8670 Tel.: +81 (52) 721-2111 Main line
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Applicable model	Instruction Manual Supplement's manual number
FR-A800 FR-A800-CRN (FR-CC2)	BCN-C22005-988 (To be published in September 2023)
	BCN-C22005-1010 (To be published in September 2023)
FR-A860 (FR-CC2)	BCN-C22005-1015 (To be published in September 2023)
	BCN-C22005-1018 (To be published in September 2023)
FR-A800-R2R (FR-CC2)	BCN-C22005-988 (To be published in October 2023)
	BCN-C22005-1010 (To be published in October 2023)
FR-A800-AWH FR-A800-ELV	BCN-C22005-988 (To be published in October 2023)
FR-F800 (FR-CC2)	BCN-C22005-990 (To be published in September 2023)
	BCN-C22005-1013 (To be published in September 2023)
FR-F860 (FR-CC2)	BCN-C22005-1016 (To be published in September 2023)
	BCN-C22005-1017 (To be published in September 2023)

### 3. Date of Change

Country of origin	Applicable model	Date of change
Japan	FR-A800, FR-A800-CRN, FR-F800, FR-CC2, FR-A862, FR-F862	The change will be applied to the September 2023 production or later.
	FR-A800-R2R, FR-A800-AWH, FR-A800-ELV, FR-A860, FR-F860	The change will be applied to the October 2023 production or later.
China	FR-A800, FR-A800-CRN, FR-A800-R2R, FR-F800, FR-CC2	The change will be applied to the October 2023 production or later.

### 4. Product Identification

The SERIAL (determined by date of production) can be checked on the rating plate or packaging plate.

SERIAL example on rating plate	SERIAL example on packaging plate
□ 3 9 ○○○○○○	□ 3 9 ○○○
Symbol Year Month Control number	Symbol Year Month Control number
SERIAL	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).