

INVERTER

New Product RELEASE No.15-6E

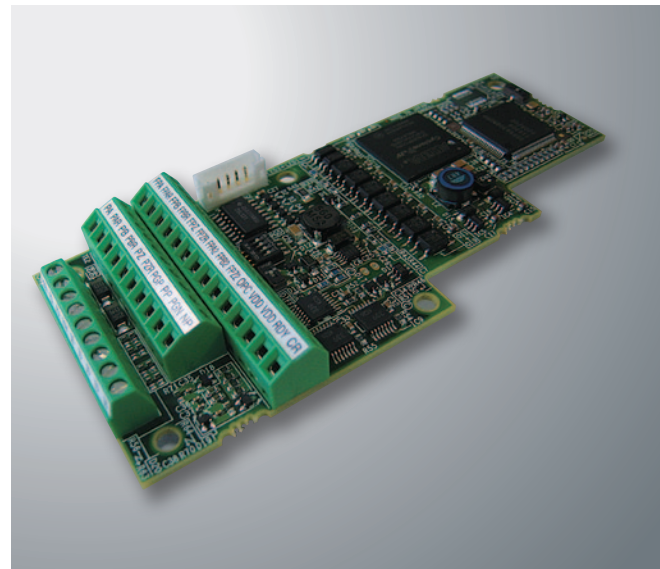
Built-in Option FR-A8AL Has Been Added to the Line-up of the FR-A800 Series

The built-in option FR-A8AL which is compatible with the FR-A800 series inverter is released.

Features

FR-A8AL: Orientation control / Encoder feedback control / Vector control / position control / Encoder pulse divider output

- Orientation control**
In combination with a encoder attached such to the spindle of the machine tool, Position stop of the rotating axis (orientation) control can be performed
- Encoder feedback control**
Motor speed is detected by the encoder and feedback to the inverter. From this, It is possible to control the output frequency of the inverter so that the motor speed is made to be constant even with load fluctuations.
- Vector control**
In combination with the encoder attached to a motor, full-scale vector control, speed control, torque control and position control is possible.
- Position control**
Position control is possible from a positioning unit.
- Encoder pulse divider output**
The encoder pulse signal that is input to the FR-A8AL is divided and output.

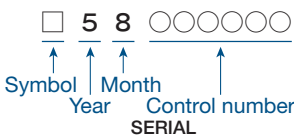


Compatible inverter (FR-A800 series)

The inverters with the below serial number are supported. Check the SERIAL (serial number) noted on the packaging label and rating label.

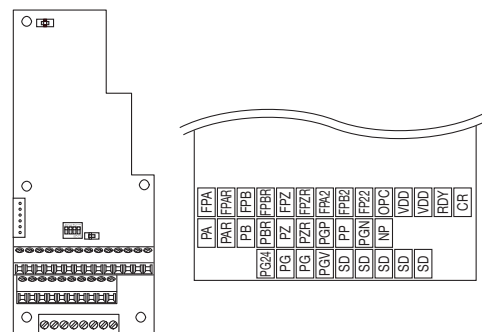
Country of origin indication	SERIAL number
MADE in Japan	□ 5 8 ○○○○○○ or later
MADE in China	□ 5 9 ○○○○○○ or later

[Example of a rating plate]



The SERIAL consists of one symbol, two characters indicating the production year and month, and six characters indicating the control number. 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).

[Terminal assignment diagram]



Release schedule FR-A8AL : July 2015

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