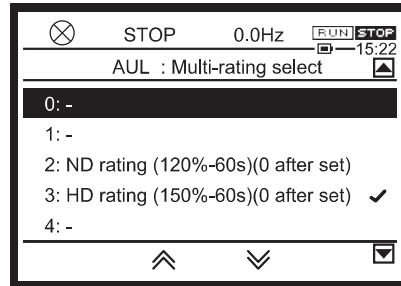


### 5.3.2 Selecting an overload protection characteristic

<AUL: Multi-rating select>

Basic parameter



■ **Function**

Select an inverter overload protection characteristic suited for the torque characteristic of the machine.

■ **Parameter setting**

Title	Parameter name	Adjustment range	Default setting
AUL	Multi-rating select	0,1: - 2: ND rating (120%-60s) (0 after execution) 3: HD rating (150%-60s) (0 after execution) 4 - 8: -	3

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Note) The setting value becomes 0 after execution, but a check mark is added to the previous setting value.

■ **Selecting a setting value**

**2: ND rating (120%-60s) (0 after execution)**

Select this value when applying the machine with variable torque characteristic.  
Example) Fan, pump, blower, etc.

**3: HD rating (150%-60s) (0 after execution)**

Select this value when applying the machine with constant torque characteristics.  
Example) Conveyor, load transporting machinery, crane, concrete mixer, compressor, making machine, machine tool, etc.

**Memo**

- The default setting of some parameters are different between HD rating and ND rating. Refer to [11. 6].

## 1.2 Multi-rating

This inverter has multi-rating.

Select rating with the parameter <AUL: Multi-rating select> according to the characteristics of the load to be applied.

1

<AUL>="2: ND rating (120%-60s) (0 after execution)"

- Select it to apply equipment with variable torque characteristic.
- Example) Fans, pumps, blowers, etc.

<AUL>="3: HD rating (150%-60s) (0 after execution)"

- Select it to apply equipment with constant torque characteristic.
- Example) Conveyors, load transporting machinery, cranes, mixers, compressors, making machines, machine tools, etc.

Both of them return to "0" after setting.

For details, refer to [5. 3. 2].

This instruction manual describes the motor capacity based on HD rating. In the case of ND rating, it is described with parentheses like (ND: \*\*kW).