

NEW

Revolutionary

L-ICD-01



Mamo~rukun

Control inrush current

when the power is turned on

Protection



Prevent
breakdown

Range



capacity
can be expanded,
wide range of usage

Simple

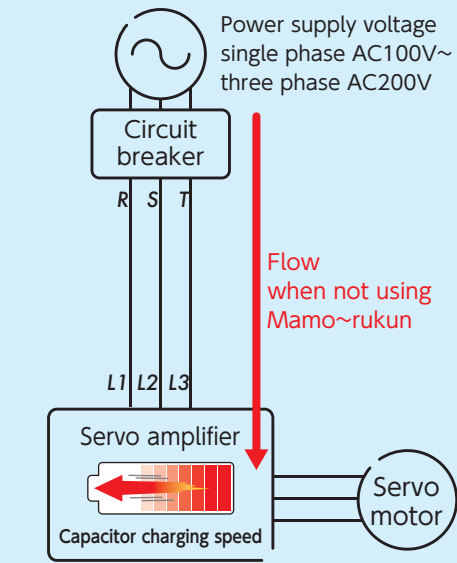


Easy to install,
can be installed
immediately

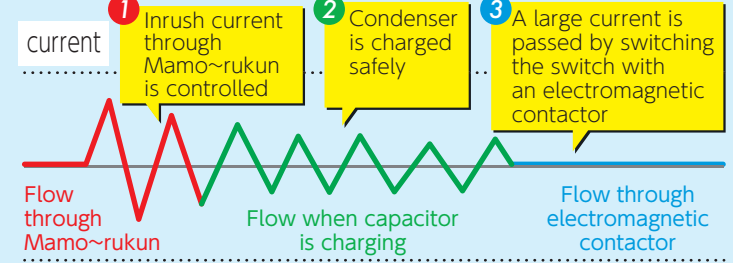
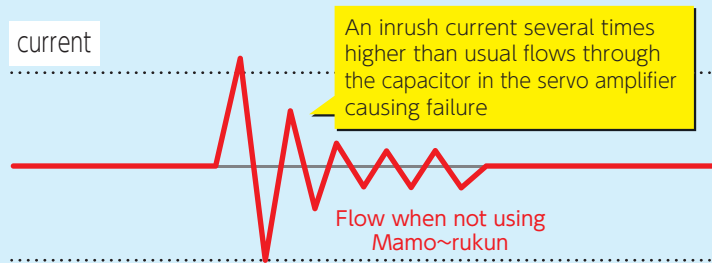
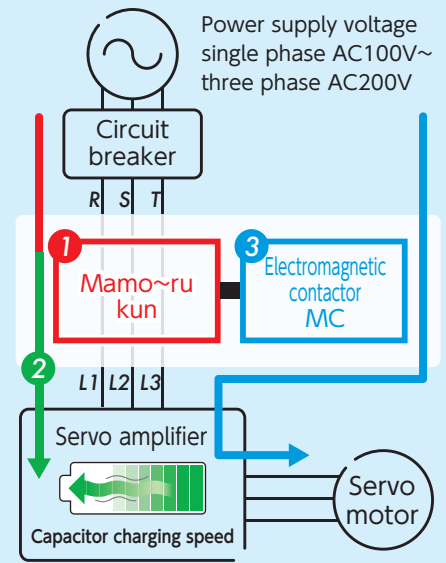
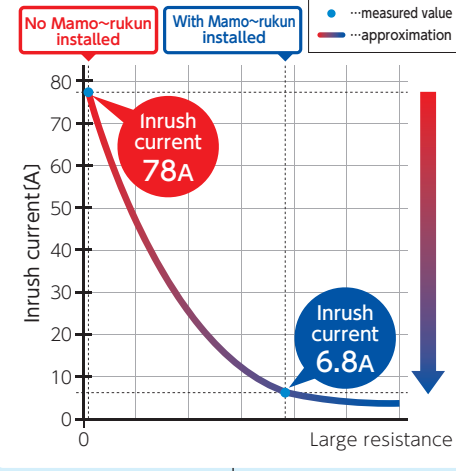
LOVEOX

No Mamo~rukun installed

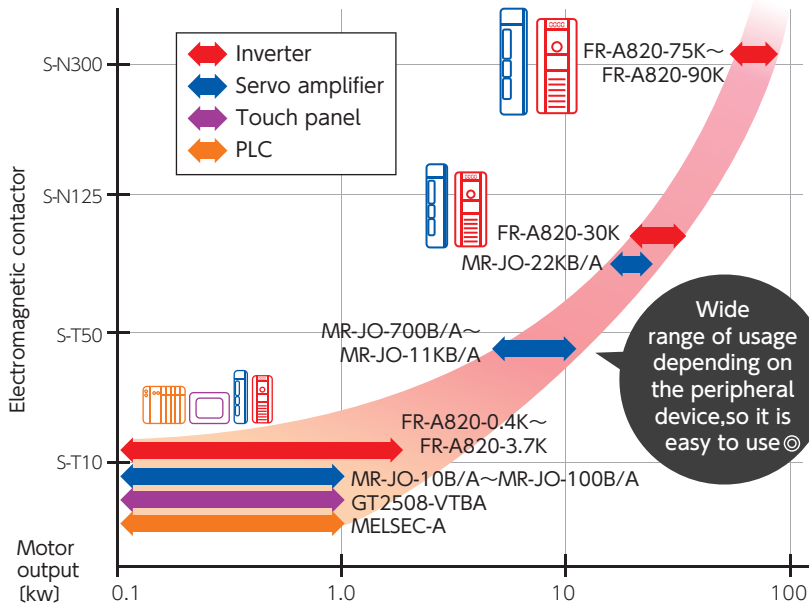
With Mamo~rukun installed



Example of effect when installing Mamoru-kun



Combination of various devices and magnetic contactors (when using Mitsubishi Electric equipment)



Q&A

Q.What is Mamo~rukun?

An equipment to control inrush current

Q.What is an electromagnetic contactor?

A large-capacity switch for moving devices such as motors

Q.What is inrush current?

A large current that flows instantly when the power is turned on

Q.Why inrush current flow?

When a device is not used for a long time (Saturdays, Sundays, holidays, etc.), all capacitors are discharged (Output = 0V state). When the power is turned on, there is a tendency to charge at once from the 0V state, so an inrush current (large current) flow.

Q.What is the roles between Mamoru-kun and the magnetic contactor?

Mamoru-kun controls a large current and charges the capacitor safely. After charging is complete, the magnetic contactor switches the switch and sends a large current to a device such as a motor

Q.Can we use Mamo~rukun with any device?

Yes, it is. However, depending on the equipment, the model will differ. (Model: ICD-01 is for inverters, servo amplifiers, touch panels, and PLCs)

Q.Is it possible to control multiple devices with one Mamoru-kun?

It is possible, but custom product is required

Specification

Product name	Mamo~rukun	Model	L-ICD-01
Size	height 105mm, length 105 mm, width 45mm	Weight	About 400g
Voltage	single phase AC100V~three phase AC200V	Operating tempe	0°C~50°C
Example of compatible model	·Inverter (ex.Mitsubishi Electric FR-A820-0.4K (0.4W) ~ FR-A820-22K (22W)) ·Servo amplifier (ex.Mitsubishi Electric MR-J4-10A(0.1W) ~ MR-J4-22KA(22kW)) ·Touch panel (ex.Mitsubishi Electric GT2508-VTBA) ·PLC (ex.Mitsubishi Electric MELSEC-A) Others such as Yaskawa Electric, Fuji Electric, Panasonic, OMRON, KEYENCE, etc. are available.		

At the time of purchase

- Please note that the product specifications and appearance are subject to change without notice for improvement.
- If you want to use it for purposes other than the recommended ones, please contact our staff.
- It is recommended to verify the actual machine in advance. In addition, we do not guarantee the certainty of the control effect.

Safety Precautions

- Before using, please check that it is properly installed and connected by yourself.
- Avoid high temperature and high humidity places and install in a safe place without applying excessive force.