

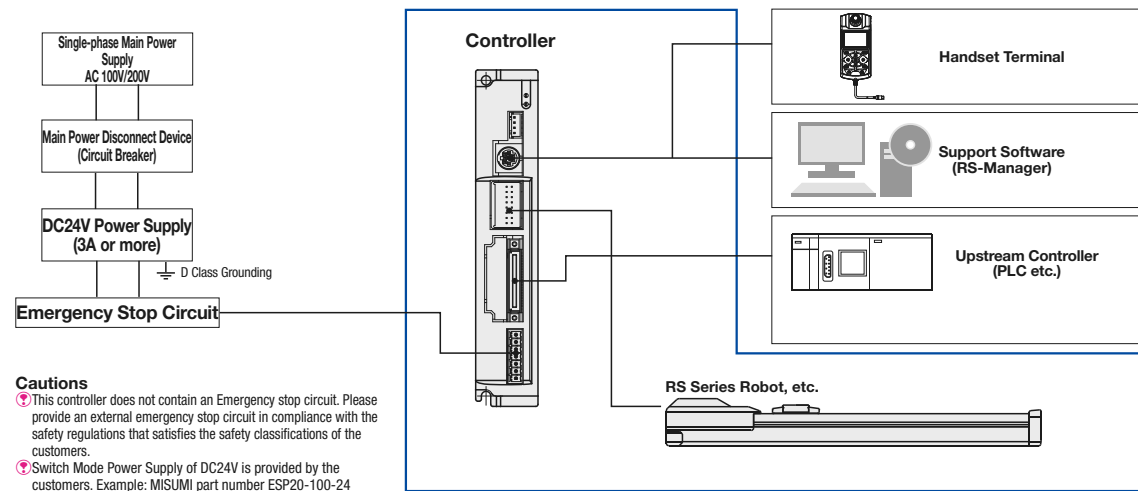
Dedicated Single Axis Robot Controller - Configuration Example / FAQ

Compact, Multiple Functionality and High Performance

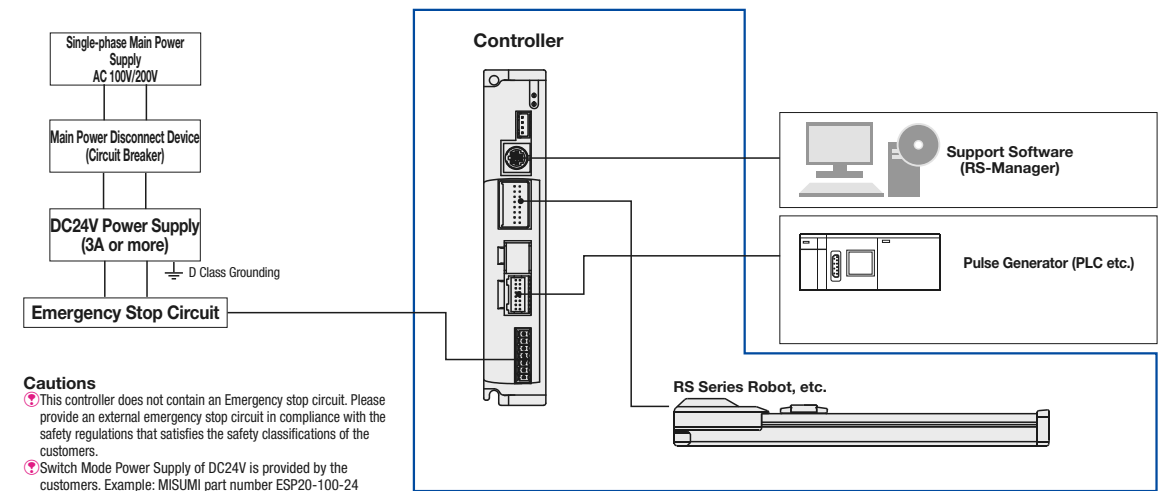
RS
SINGLE AXIS ROBOT

See notes on CE Marking. P456

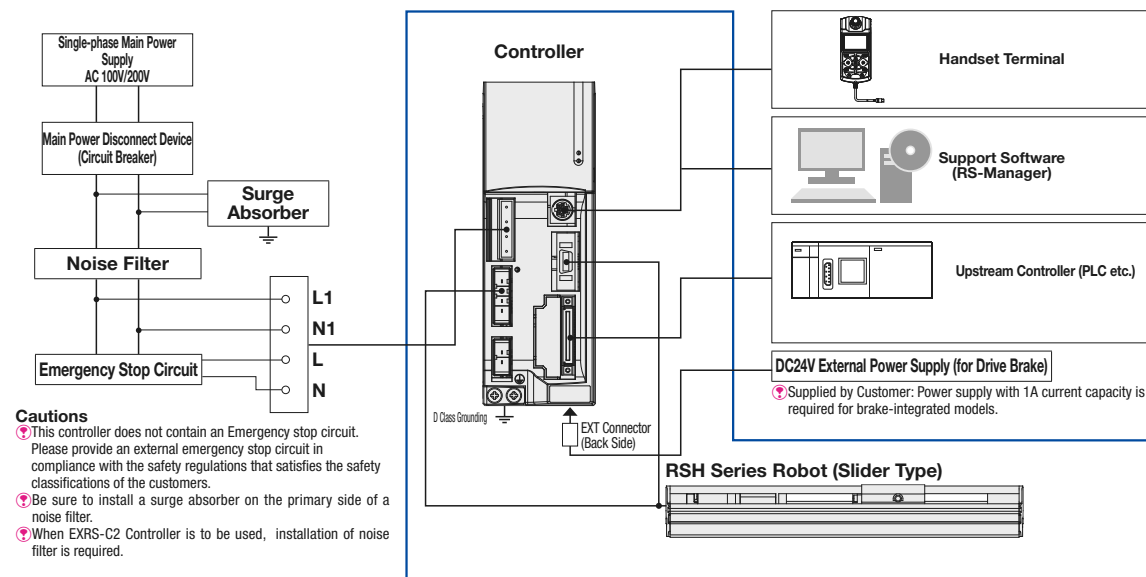
EXRS-C1 Controller System Configuration Example



EXRS-P1 Controller System Configuration Example



EXRS-C2 Controller System Configuration Example



Usage Instructions

System Assembly Cable Connections Construct Safety Measures

Power-On

Parameter Set Up Create/Write Point Data

Return to Home

Jog Move

Point Data
Point Data Trial Operation /
Adjustment

Alarm On

Operation

Remove the Cause of
Alarm

FAQ (MISUMI RS Single Axis Robot Technical Support Dedicated Circuit: 03-5805-7088)

Q1. I do not clearly understand the wiring technique of emergency stop circuit. I would like to perform the operation on a trial basis without building an emergency stop circuit.

A1. Contact our RS Support Representative. Guidance is provided on Wiring technique and Method for omission of emergency stop circuit.

Q2. When power is turned ON, controller's red and blue lamps flash alternately.

A2. It is an emergency stop state as nothing is inserted in COM1. Insert communication cable, handy terminal or dummy plug. Turn the locked red button (Emergency Stop Button) on the handy terminal in clockwise direction.

Q3. Cannot Return to Home due to "NG1=45 Interlock Error".

A3. Set Option Parameter to "Disable" by using Support Software or Handset Terminal.

Q4. I do not understand how to operate in Jog Mode.

A4. In case of Handy Terminal, "Point Teaching".
In case of Support Software, click the icon on the screen.

Q5. Does not seem to reach the highest speed as indicated in the catalog.

A5. The attained speed may be less than the theoretical value due to various factors.

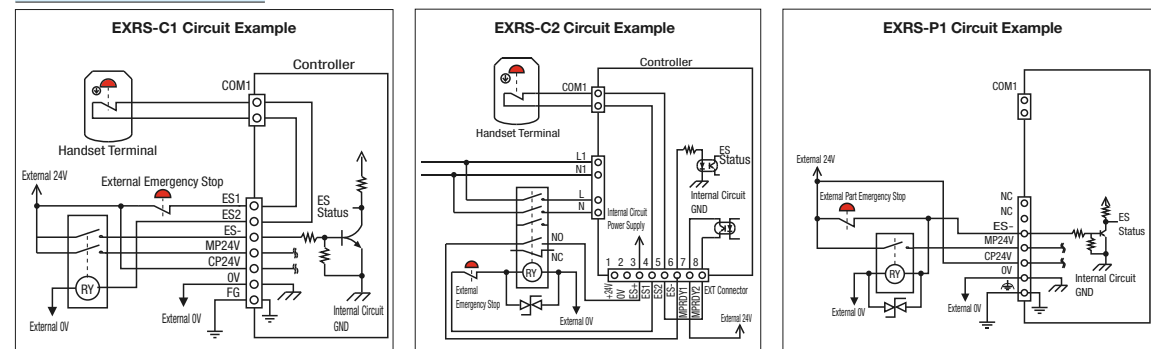
Q6. Overload error causes operations to stop.

A6. Examine the work load or mounting orientations .

Q7. Overvoltage error causes shutdown.

A7. Examine the main power supply of the controller.

Example of Emergency Stop Circuit Structure See instruction manual for circuits with Handset Terminal and Deadman switch.



Operation may stop due to various factors during this operation. We recommended our customers using MISUMI's Single Axis Robots for the first time to purchase the Support Software that is highly useful in troubleshooting.