

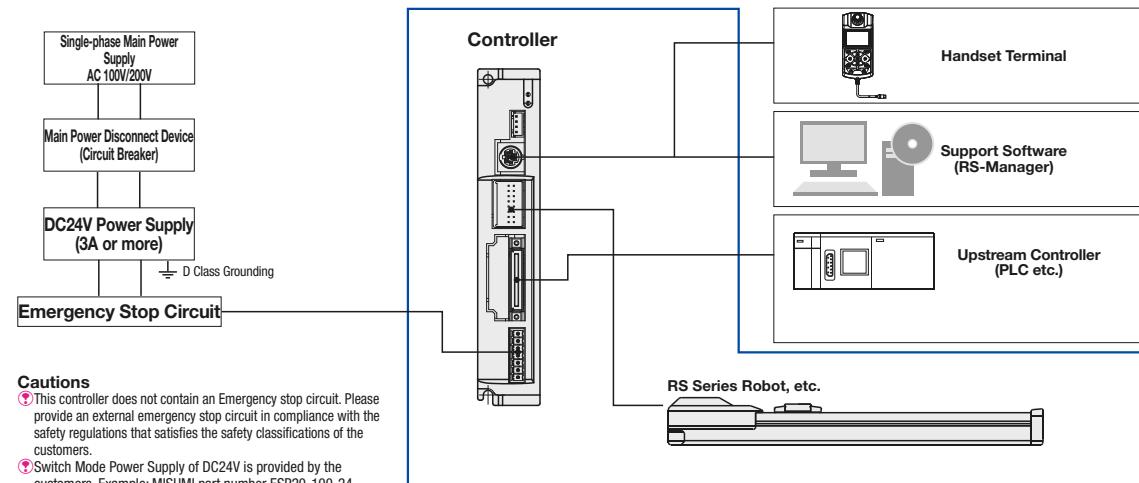
Dedicated Single Axis Robot Controller - Configuration Example / FAQ

Compact, Multiple Functionality and High Performance

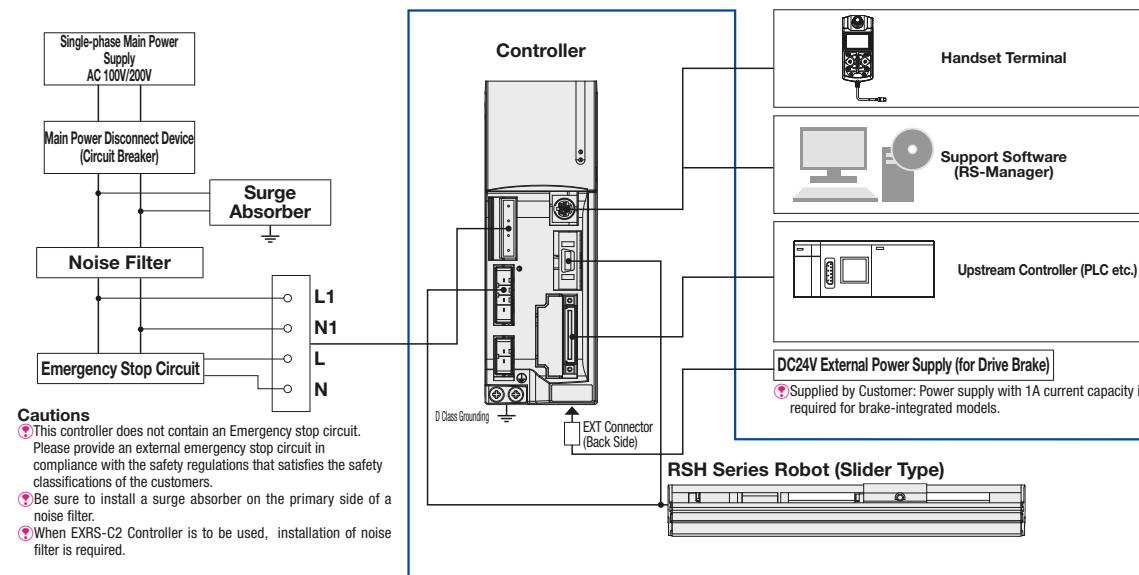


See notes on CE Marking. P456

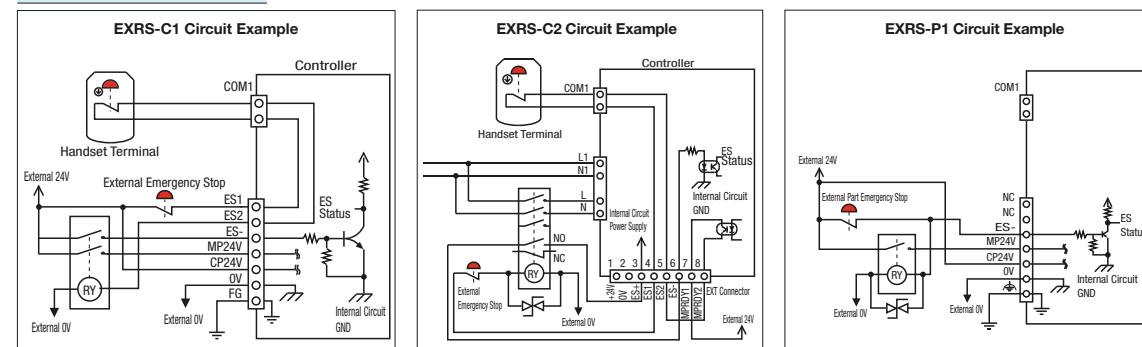
EXRS-C1 Controller System Configuration Example



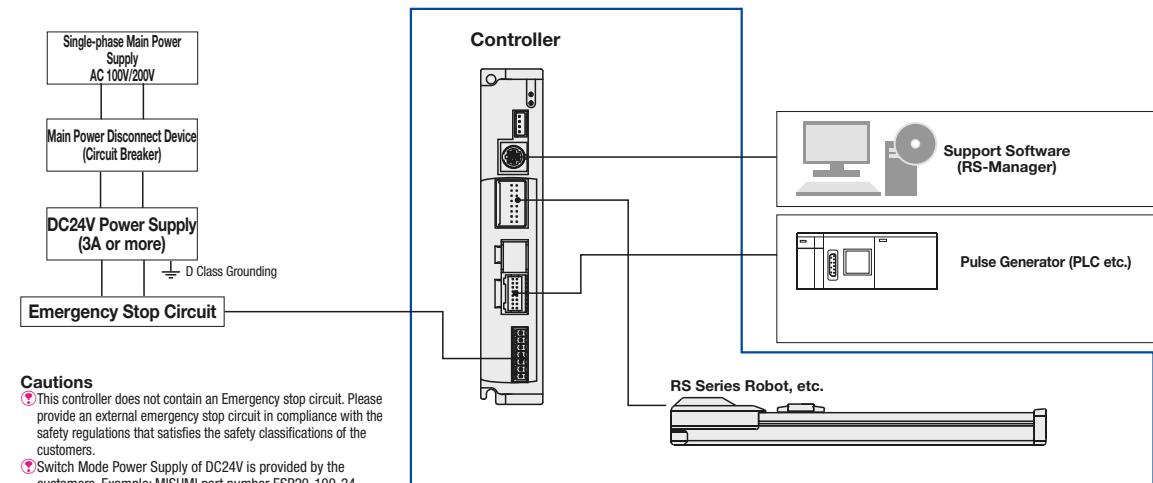
EXRS-C2 Controller System Configuration Example



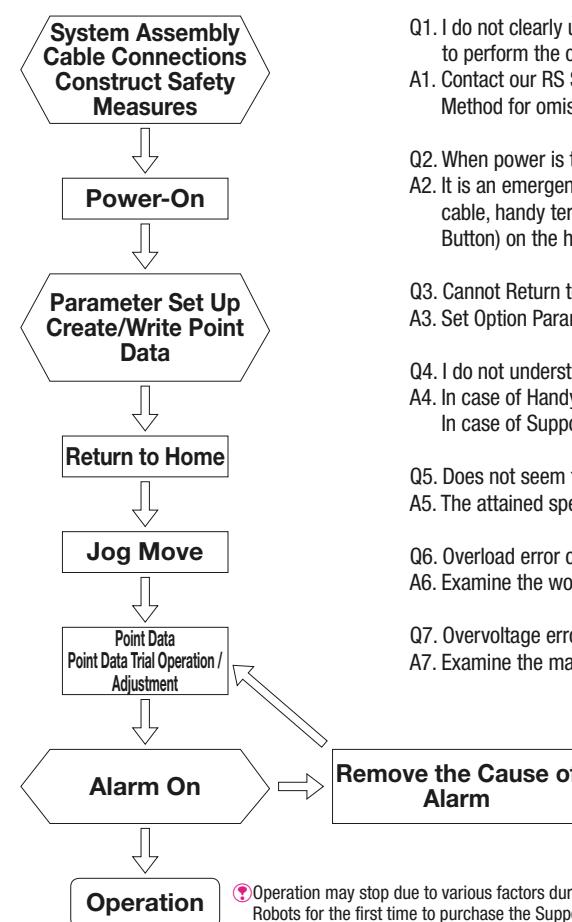
Example of Emergency Stop Circuit Structure See instruction manual for circuits with Handset Terminal and Deadman switch.



EXRS-P1 Controller System Configuration Example



Usage Instructions



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

- 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.
 - Contact our RS Support Representative. Guidance is provided on Wiring technique and Method for omission of emergency stop circuit.
- When power is turned ON, controller's red and blue lamps flash alternately.
 - 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.
- Cannot Return to Home due to "NG1=45 Interlock Error".
 - Set Option Parameter to "Disable" by using Support Software or Handset Terminal.
- I do not understand how to operate in Jog Mode.
 - In case of Handy Terminal, "Point Teaching". In case of Support Software, click the icon on the screen.
- Does not seem to reach the highest speed as indicated in the catalog.
 - The attained speed may be less than the theoretical value due to various factors.
- Overload error causes operations to stop.
 - Examine the work load or mounting orientations .
- Overvoltage error causes shutdown.
 - Examine the main power supply of the controller.

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.