Standard Wiring Diagram

Position control operation



Notes:

1. Do not reverse the diod's direction. Connecting it backwards could cause the amp to malfunction so that signals are not output, and emergency stop and other safety circuits are inoperable.
2. Make sure that the sum of current flowing to external relays does not exceed 80 mA. If it exceeds 80 mA, supply interface power from an external source.
3. EMG (emergency stop) contact must be closed for normal operation. If they are not closed, command will not be accepted.
5. Signals with the same name are connected inside.
6. Malfunction signal (ALM) is turned on during normal operation when no alarms have been triggered.
7. When using a motor with electromagnetic brake.
7. There is no need for concern regarding the polarity when connecting the power-supply. HC-SFS121-301,202-702, 203, 353, HC-UFS202-502 have a separate connector.
8. Connect be shield wire securely to the plate inside the connector (ground plate).
9. Connect be shield wire securely to be a maximum of 15 meters (49,21 ft) in a low noise environment. However, if the RS-232C communication is set up with a baud rate of more than 38400bps keep length to 3m (9.84ft).
11. For further details, please refer to 'MR-J2S-_A Servo Amplifier Instruction Manual*.
12. RS-232C and RS-422 are mutually-exclusive features.
13. In the final axis, connect between TE and RDN.
14. A1-phase 230VAC power-supply can be used with servo-amps rated at MR-J2S-70A or less. Please connect the power-supply using only terminals L1 and L2. Do not connect anything to L3.

Standard Wiring Diagram

Speed control operation



Notes:

1. Do not reverse the diode's direction. Connecting it backwards could cause the amp to malfunction so that signals are not output, and emergency stop and other protection circuits are inoperable.
2. Make sure that the sum of current flowing to external relays does not exceed 80 mA. If it exceeds 80 mA, supply interface power from an external source.
3. EMG (emergency stop) contact must be closed for normal operation.
4. LSP and LSN contacts must be closed for normal operation.
5. Signals with the same name are connected inside.
6. Malfunction signal (ALM) is turned on during normal operation when no alarms have been triggered.
7. When using a motor with electromagnetic brake.
7. When using a motor with electromagnetic brake.
7. Onect the shield wire securely to the plate inside the connecting the power-supply, HC-SFS121-301,202-702, 203, 353, HC-UFS202-502 have a separate connector.
8. Connect the shield wire securely to the plate inside the connect (49.2111) in a low noise environment. However, if the RS-232C communication is set up with a baud rate of more than 38400bps keep length to 3m (9.84f).
10. For further details, please refer to 'MR-J2S- A Servo Amplifier Instruction Manual*.

keep length to 3m (9.84ft).
10. For further details, please refer to *MR-J2S-(A Servo Amplifier Instruction Manual*.
11. R5-232 can R5-422 are mutually-exclusive features.
12. In the final axis, connect between TRE and RDN.
13. A 1-phase 230VAC power-supply can be used with servo-amps rated at MR-J2S-70A or less. Please connect the power supply using only terminals L1 and L2. Do not connect anything to L3.

Torque control operation



Votes:
1. Do not reverse the diode's direction. Connecting it backwards could cause the amp to malfunction so that signals are not output, and emergency stop and other protection circuits are inoperable.
2. Make sure that the sum of current flowing to external relays does not exceed 80 mA. If it exceeds 80 mA, supply interface power from an external source.
3. EMG (emergency stop) contact must be closed for normal operation.
4. Signals with the same name are connected inside.
5. Malfunction signal (ALM) is turned on during normal operation when no alarms have been triggered.
6. When using a motor with electromagnetic brake.
There is no need for concern regarding the polarity when connecting the power-supply. HC-SFS121-301, 202-702, 203, 353, HC-UFS202-502 have a separate connector.
7. Connect the shield wire brake the connector (rorund nate).

- There is no need for concern regarding the polarity when connecting the power-supply. HC-Sr5121-301, 202-702, 203, 353, HC-UF-Sr02-b02 nave a separate connector.
 Connect the shield wire securely to the plate inside the connector (ground plate).
 Always use a shielded multicore cable up to a maximum of 15 meters (49.21 ft) in a low noise environment. However, if the RS-232C communication is set up with a baud rate of more than 38400bps keep length to 3m (9.84ft).
 For further details, please refer to "MR-J2S-[]A Servo Amplifier Instruction Manual".
 RS-232C and RS-422 are multually-exclusive features.
 In the final axis, connect between TRE and RDN.
 A 1-phase 230VAC power-supply can be used with servo-amps rated at MR-J2S-70A or less. Please connect the power-supply using only terminals L1 and L2. Do not connect anything to L3.