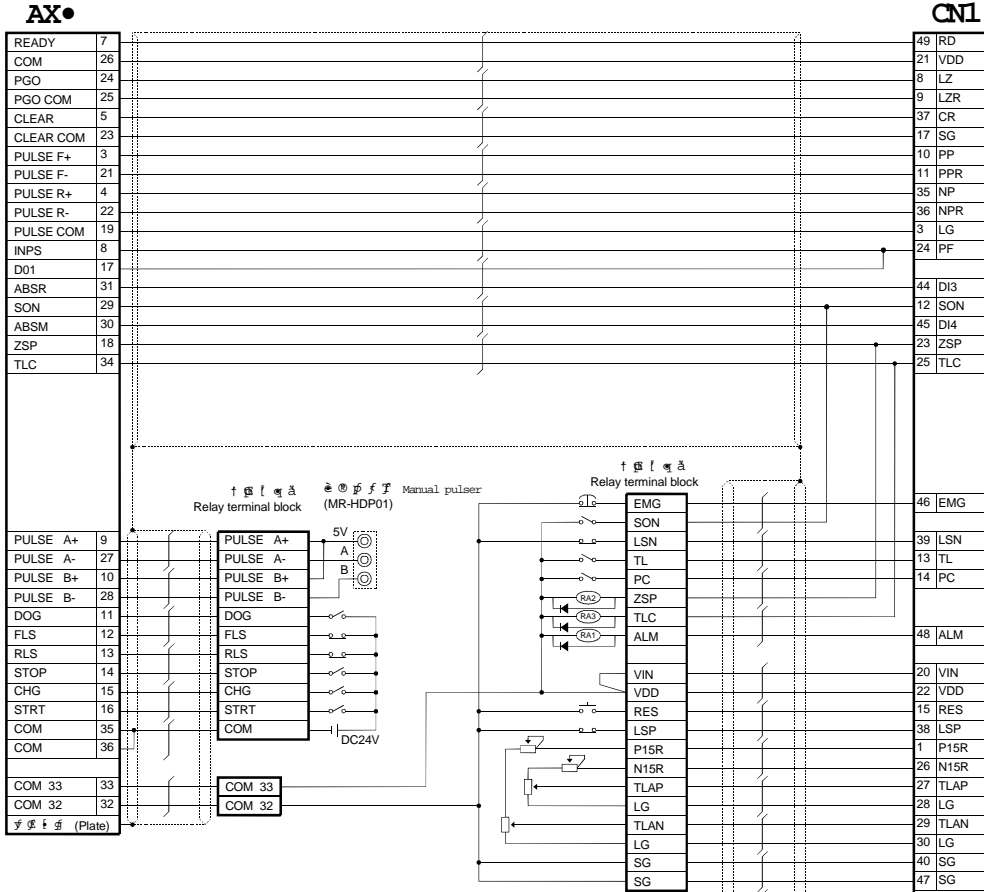


.....[WIRING DIAGRAM]

(AJ65BT-D75P2-S3 ` ` ) (AJ65BT-D75P2-S3 side)

(MR-HA ` ` ) (MR-HA side)

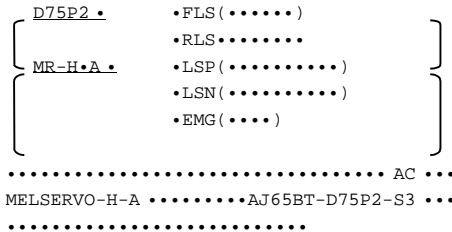


\* Make sure to conduct wiring of the following signal wire regardless of the machine configuration. If wirings are not conducted then positioning control cannot be conducted.

D75P2 side      • FLS (upper limit)  
                               • RLS (lower limit)

MR-H•A side      • LSP (forward stroke end)  
                               • LSN (reverse stroke end)  
                               • EMG (emergency stop)

\* About the signal name, application and wiring of the external device connection cable, please refer to "MITSUBISHI AC Servo MELSERVO-H-A Specification Handling Manual" and "AJ65BT-D75P2-S3 Positioning Module User's Manual".



..... AC .....  
 MELSERVO-H-A ..... AJ65BT-D75P2-S3 .....

MITSUBISHI



••		MODEL
••	AD75P-MR-HA-U	13JM61
	MODEL	

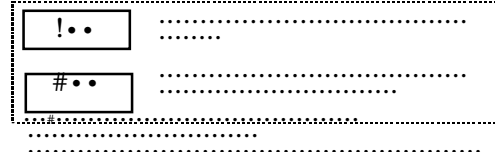
AD75C20SNH • AJ65BT-D75P2-S3-MR-H•A .....  
 AD75C20SNH AJ65BT-D75P2-S3-MR-H A Connection Cable User's Manual

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SAFETY PRECAUTIONS  
 (Read these precautions before using.)

When using Mitsubishi equipment, thoroughly read this manual and the associated manuals introduced in the manual. Also pay careful attention to safety and handle the module properly.  
 These precautions apply only to Mitsubishi equipment. Refer to the CPU module user's manual for a description of the PC system safety precautions.

These "SAFETY PRECAUTIONS" classify the "safety" precautions into two categories: "DANGER" and "CAUTION".



**!DANGER** Procedures which may lead to a dangerous condition and cause death or serious injury if not carried out properly.

**#CAUTION** Procedures which may lead to a dangerous condition and cause superficial to medium injury, or physical damage only, if not carried out properly.

Depending on circumstances, procedures indicated by #CAUTION may also be linked to serious results. In any case, it is important to follow the directions for usage. Store this manual in a safe place so that you can take it out and read it whenever necessary. Always forward it to the end user.

[INSTALLATION PRECAUTIONS]

#CAUTION

y For the connection between D75P2 and MR-H A, be sure the D75P2 and MR-H A connectors are securely connected until a clicking sound is heard. If not correctly connected the connection will be bad and will cause erroneous input and output.

y Make sure to switch all phases of the external power supply off when installing or placing wiring. If do not switch off the external power supply, it will cause electric shock or damage to the product.

[WIRING PRECAUTIONS]

#CAUTION

y When wiring the D75P2 to external device or the MR-H A to external device, make sure to conduct the wiring correctly while checking the rated voltage and terminal name written on the cable ring mark. Connecting a power supply different from the rated voltage or making an incorrect wiring would cause fire and breakdowns.

y When installing the connector cover to the D75P2 connector, make sure that no foreign objects, such as filings or wire chips, get inside the connector. Not doing so could cause fire, breakdowns, and malfunction.

y Insulate terminals not used as output power supply terminals. Not doing so could cause fire, breakdowns, and malfunction.

[MAINTENANCE AND DISPOSAL PRECAUTIONS]

#CAUTION

y Do not disassemble or renovate the product. Doing so could cause trouble, malfunction, injury to fire.

y When disposing of this product, treat it as industrial waste.

1. ●●
- .....AJ65BT•D75P2-S3 .....
  - D75P2 .....MR-H•A .....
  - MR-HA .....
  - .....D75P2•
  - MR-HA .....

- 2●●●●●
- .....

●●●Model●	●●●Type●	●●●Quantity●
AJ65BT-D75P2-S3•MR-HA .....		
• AJ65BT-D75P2-S3 • MR-HA Connection	AD75C20SNH	1

3●●●●●

### 1. Overview

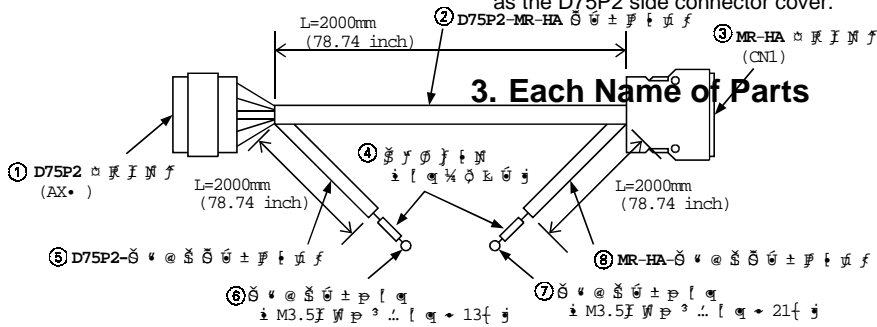
This product is a cable that is connected between the AJ65BT-D75P2-S3 positioning module (hereafter **D75P2**) and the MR-H A servo amplifier's (hereafter **MR-HA**) and external device.

- \* When connecting, wiring and using this product, please make sure to refer to both manuals **D75P2** and **MR-HA** in conjunction with this manual.

### 2. Product Confirmation

When unpacking, make sure that the following product is not damaged.

\* A connector cover attached to D75P2 is used as the D75P2 side connector cover.



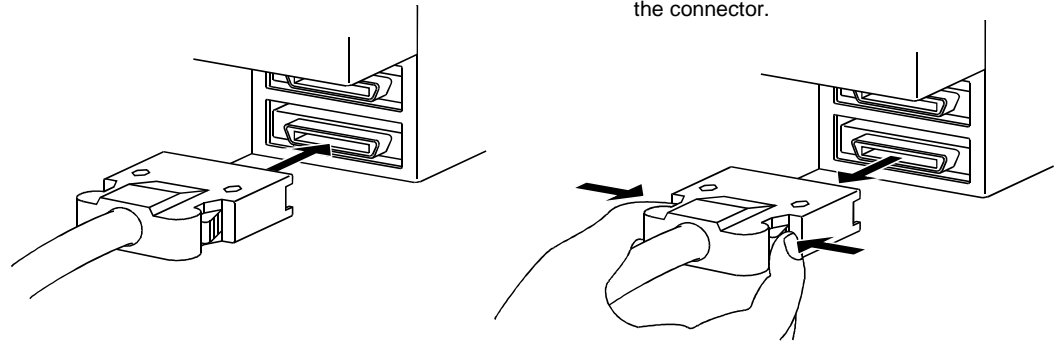
### 3. Each Name of Parts

- **D75P2** side connector (AX )
- Connection cable between the **D75P2** and **MR-HA**
- **MR-HA** side connector (CN1)
- Ring mark (where terminal name is written)
- Connection cable between the **D75P2** and external device
- Terminal for external device connection (M3.5 screw solderless terminal × 13)
- Terminal for external device connection (M3.5 screw solderless terminal × 21)
- Connection cable between the **MR-HA** and external device

4. ●●●●●●●
- .....
- .....
- .....
- .....

5. ●●
- 5.1 ●●●●●
- .....
- .....
- .....

- 5.2 ●●●●●
- .....
- (1) .....
- (2) .....
- (3) .....
- (4) .....
- (5) .....



### 4. Handling Precautions

- Take notice of the following points regarding this product.
- Do not press with something sharp
  - Do not twist extremely or pull hard
  - Do not step on or put something on

- Do not damage the thin coating

### 5. Wiring

#### 5.1 Cable wiring

This product must be wired according to the [WIRING DIAGRAM].

- \* When the cable length is not enough to connect directly to the external device, configure the terminal block for relay externally.

#### 5.2 Connector connection

The connector must be connected as following :

- (1) Make sure whether all phases of the external power supply of the main module is switched off.
  - \* In case of not doing so, switch off the external power supply.
- (2) Confirm the shape of connecting part of the module and the connector, then connect them.
- (3) Push the connector straight into the module side until a clicking sound is heard.
- (4) After connected, make sure that the connector does not rattle.
- (5) When unplug the connector, pull it out straight holding firmly the both side of the connector.