OEM Standard Electrical Wiring Hook-up
HJS, HCJS and HEJS Multiple-Axis Controllers

Note: Wiring shown is for standard configuration only, custom wiring may vary.

**HJS**

- **RED** = Battery Positive (+)
- **BLACK** = Ground
- **WHITE** = AB Axis Analog Output
- **BLUE** = CD Axis Analog Output
- **ORANGE** = Digital Output A
- **GREEN** = Digital Output B
- **VIOLET** = Digital Output C
- **GRAY** = Digital Output D

**HEJS**

- **X-Axis Output Module**
  - **WHITE** = Proportional Output (A)
  - **COIL A**
  - **BLACK** = Ground (-)
  - **COIL B**
  - **BLUE** = Proportional Output (B)
  - **RED** = Battery Positive (+)
  - **BROWN** = Auxiliary Output (A)
  - **ORANGE** = INLOW Range Input (R)

- **Y-Axis Output Module**
  - **WHITE** = Proportional Output (A)
  - **COIL C**
  - **BLACK** = Ground (-)
  - **COIL D**
  - **BLUE** = Proportional Output (B)
  - **RED** = Battery Positive (+)
  - **BROWN** = Auxiliary Output (A)
  - **ORANGE** = INLOW Range Input (R)

**HCJS**

- **BLACK/GREEN** = Digital Input 0
- **BLACK/VIOLET** = Digital Input 1
- **BLACK/GRAY** = Digital Input 2
- **ORANGE/BLACK** = Digital Input 3
- **GREEN/BLACK** = Digital Input 4
- **BLUE/BLACK** = Digital Input 5
- **GRAY/WHITE** = Digital Input 6
- **YELLOW/BLACK** = Digital Input 7
- **VIOLET/BLACK** = Digital Input 8
- **BROWN/BLACK** = Digital Input 9
- **GREEN/WHITE** = Digital Input 10
- **ORANGE/WHITE** = Digital Input 11
- **GRAY/WHITE** = Digital Input 12
- **YELLOW/WHITE** = Digital Input 13
- **ORANGE/WHITE** = Digital Input 14
- **GRAY** = CAN HI (Twisted Pair)
- **GRAY** = CAN LO (Twisted Pair)
- **GRAY** = CAN ID Resistor
- **GRAY** = CAN ID Resistor
- **RED** = Battery Positive (+)

*SEE WARNING ON REVERSE SIDE*
Panel Mounting Dimensions
HJS-5, HJS-8, HCJS-8, HJS-9 and HCJS-9 Multiple-Axis Controllers

HJS-5

HJS-8 and HCJS-8

HJS-9 and HCJS-9
Without Protective Can Enclosure

HJS-9 and HCJS-9
With Protective Can Enclosure

Notes:
1. DO NOT use acidic cure silicone to seal enclosures. If sealing is required, use GE Silicone II or equivalent.
2. When ordering spare parts, please provide the controller part number for which they are being used.
3. If controller provided comes with friction hold, the force to move the handle is not adjustable on HMS-7 products.
4. The information contained in this bulletin is for reference only and is subject to change without notice.

⚠️ WARNING: It is the purchaser’s responsibility to determine the suitability of any OEM Controls product for an intended application, and to ensure that it is installed and guarded in accordance with all federal, state, local and private safety and health regulations, codes and standards.

Due to the unlimited variety of machines, vehicles and equipment on which our controls are used, and the numerous standards which are frequently the subject of varying interpretation, it is impossible for OEM Controls personnel to provide expert advice regarding the suitability of a given controller for a specific application. The flexibility of our products allows us to offer thousands of custom configurations. We can advise you of the various features that are available and you can examine models to see what meets your needs. We believe our customers’ engineering departments should be the qualified experts in their own product field. If the product will be used in a safety critical application, the customer must undertake appropriate testing and evaluation to prevent injury to the ultimate user.

Should you have any questions or if any of the above warning is unclear, please contact OEM Controls at 10 Controls Drive, Shelton, CT 06484, FAX: 203.929.3867, TEL: 203.929.8431.

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