

# ACN-EIO Cut Sheet



IronHorse ACN series relay/analog combo module, Analog Input: 2-channel, current/voltage, Analog Output: 1-channel, current/voltage, Discrete Input: 3-point, sinking/sourcing, Discrete Output: 2-point, relay, (2) Form C (SPDT) relays.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/ACN-EIO>

## Technical Specifications

|   |                         |
|---|-------------------------|
| Brand                                       | IronHorse               |
| Item  | Combo module            |
| I/O Module Type                             | Relay/analog            |
| Series                                      | ACN                     |
| Number of Analog Input Channels             | 2                       |
| Analog Input Signal Type                    | Current/voltage         |
| Analog Input Type                           | Sinking and sourcing    |
| Number of Non-Isolated Analog Input Commons | 1                       |
| Number of Points per Analog Input Common    | 2                       |
| Input Resolution                            | 10-bit                  |
| Input Current Signal Range                  | 4-20 mA                 |
| Input Voltage Signal Range                  | 0-10 VDC and +/- 10 VDC |
| Number of Analog Output Channels            | 1                       |
| Analog Output Signal Type                   | Current/voltage         |
| Number of Isolated Analog Output Commons    | 1                       |
| Number of Points per Analog Output Common   | 1                       |
| Output Resolution                           | 10-bit                  |
| Output Current Signal Range                 | 0-20 mA and 4-20 mA     |

|  |                             |
|--|-----------------------------|
| Output Voltage Signal Range                    | 0-10 VDC                    |
| Number of Discrete Input Points                | 3                           |
| Nominal Input Voltage                          | 24 VDC                      |
| Discrete Input Type                            | Sinking/sourcing            |
| Number of Non-Isolated Discrete Input Commons  | 1                           |
| Number of Points per Discrete Input Common     | 3                           |
| Number of Discrete Output Points               | 2                           |
| Nominal Output Voltage                         | 250 VAC/30 VDC              |
| Discrete Output Type                           | Relay                       |
| Relay Configuration                            | (2) Form C (SPDT) relays    |
| Number of Non-Isolated Discrete Output Commons | 1                           |
| Number of Points per Discrete Output Common    | 2                           |
| Load Current                                   | 1A/point max                |
| Fuse Type                                      | User-supplied external fuse |
| External Power Requirement                     | 12-24 VDC                   |
| For Use With                                   | IronHorse ACN series drives |
| Includes                                       | Mounting hardware           |

## Agency Approvals

|                      |   |
|----------------------|---|
| UL Listed File #     | None  |
| UL Recognized File # | None  |
| UL Hazardous File #  | None  |
| CE                   | None  |
| CSA File #           | None  |
| RoHS Status          | Meets RoHS Chemical Restrictions - No CE (See RoHS Statement Below) |
| EU REACH             | View <a href="#">EU REACH document</a>                              |

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/ACN-EIO.pdf>  
See store item page for other formats.