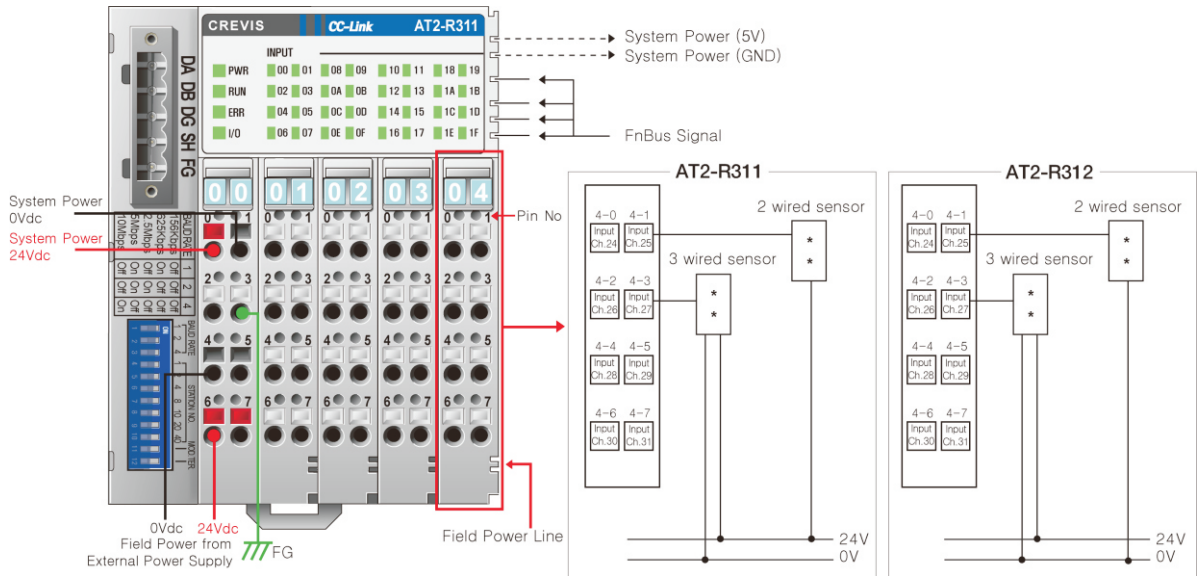


# AT2-R311, AT2-R312

CC-LINK, RTB, 32 Points, Sink/Source Input 24Vdc



| Item                    | AT2-R311                                                                              | AT2-R312                                             |                  |
|-------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------|------------------|
| Interface Specification |                                                                                       |                                                      |                  |
| Number of Input         | 32 Points, Sink Type(GND Common internally shorted)                                   | 32 Points, Source Type(24V Power internally shorted) |                  |
| Indicates               | 1 LED/1Point                                                                          |                                                      |                  |
| Input Voltage           | Nominal 24Vdc, 11~28.8Vdc                                                             | Nominal 0Vdc, 11~28.8Vdc                             |                  |
| Max. Off-state Voltage  | 5Vdc                                                                                  |                                                      |                  |
| Min. On-state Voltage   | 9Vdc                                                                                  |                                                      |                  |
| Input Signal Delay      | <0.5msec                                                                              |                                                      |                  |
| Input Impedance         | About 5.4KΩ                                                                           |                                                      |                  |
| General Specification   |                                                                                       |                                                      |                  |
| Power Dissipation       | Max. 145mA @5.0Vdc                                                                    |                                                      |                  |
| Isolation               | CC-Link to internal logic : Non-isolation<br>Internal logic to I/O driver : Isolation |                                                      |                  |
| Field Power             | Supply Voltage : 24Vdc nominal<br>Supply Voltage range : 11~28.8Vdc                   |                                                      |                  |
| Field Power Current     | Max. 6A@24Vdc                                                                         |                                                      |                  |
| Weight                  | Max. 340g                                                                             |                                                      |                  |
| Module Size             | 83mm x 99mm x 70mm                                                                    |                                                      |                  |
| Environment Condition   | Refer to " Environment Specification"(page : 2-32)                                    |                                                      |                  |
| Pin No.                 | Description                                                                           | Pin No.                                              | Description      |
| 1-0                     | Input Channel 0                                                                       | 3-0                                                  | Input Channel 16 |
| 1-1                     | Input Channel 1                                                                       | 3-1                                                  | Input Channel 17 |
| 1-2                     | Input Channel 2                                                                       | 3-2                                                  | Input Channel 18 |
| 1-3                     | Input Channel 3                                                                       | 3-3                                                  | Input Channel 19 |
| 1-4                     | Input Channel 4                                                                       | 3-4                                                  | Input Channel 20 |
| 1-5                     | Input Channel 5                                                                       | 3-5                                                  | Input Channel 21 |
| 1-6                     | Input Channel 6                                                                       | 3-6                                                  | Input Channel 22 |
| 1-7                     | Input Channel 7                                                                       | 3-7                                                  | Input Channel 23 |
| 2-0                     | Input Channel 8                                                                       | 4-0                                                  | Input Channel 24 |
| 2-1                     | Input Channel 9                                                                       | 4-1                                                  | Input Channel 25 |
| 2-2                     | Input Channel 10                                                                      | 4-2                                                  | Input Channel 26 |
| 2-3                     | Input Channel 11                                                                      | 4-3                                                  | Input Channel 27 |
| 2-4                     | Input Channel 12                                                                      | 4-4                                                  | Input Channel 28 |
| 2-5                     | Input Channel 13                                                                      | 4-5                                                  | Input Channel 29 |
| 2-6                     | Input Channel 14                                                                      | 4-6                                                  | Input Channel 30 |
| 2-7                     | Input Channel 15                                                                      | 4-7                                                  | Input Channel 31 |
| -                       | -                                                                                     | -                                                    | -                |
| -                       | -                                                                                     | -                                                    | -                |
| -                       | -                                                                                     | -                                                    | -                |
| -                       | -                                                                                     | -                                                    | -                |