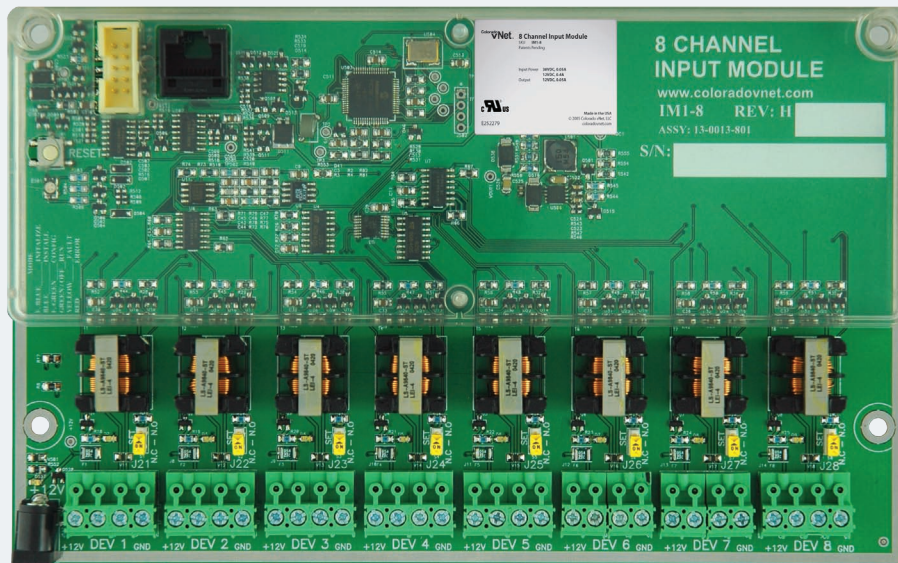


8 Channel Input Module

IM1-8



Think of the Input Module as the eyes, ears and nose of your home automation system. Its sole purpose in life is to notice everything that you shouldn't have to.

For example, if a door beneath one of your drapes is open, the Input Module will know so. And when another part of the system tells the drapes to close, the Input Module will prevent the lowering of number seven window shade until the window is closed

Not only does it detect the current state of an open/closed contact, but the event of opening or closing a contact too. It's nice to know that your inside and outside doors are being monitored even when you're not around to notice who's using them. PIR sensors, door magnets, smoke and glass break sensors are all easily connected and powered by the Input Module.

Best of all, the Input Module even monitors itself: if it detects a problem it alerts the Bridge Module of an error, triggering a service call and ensuring that the first you know of the problem is probably when we call you to tell you that we already fixed it!

Primary Features

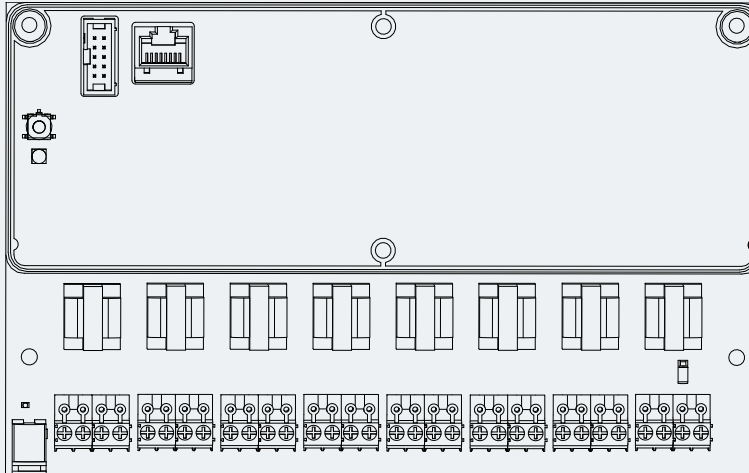
- Versatile design provides for 1 to 8 multi-purpose Class 2 input channels
- Constantly monitors it's own operating state to proactively alert the system of any potential problems
- Each input channel is electrically isolated by a transformer to protect the module from over stress conditions
- Each channel is programmable to match the input's normally open or closed condition
- Each input channel can supply +12 VDC to power attached devices (e.g. PIR, Smoke and Glass-Break detectors)
- Each channel has an LED to display the contact closure status

8 Channel Input Module

IM1-8

Drawing

Top



| | | |
|--------------------|--------------------------|---|
| Electrical | Input Channels | 8 (Isolated) |
| | Input | 38VDC, 50mA max 12VDC, 400mA max (Powers external devices, via AC Power Adapter) |
| | Output/Channel | 12VDC, 50mA max, fused |
| Physical | Connectors | 4 Conductor AWG22 Screw Type Terminals (Class 2) |
| | Interfaces/Communication | RJ-45 CAN-Bus |
| | Buttons | Commissioning & Reset |
| | Indicators | Status - Multi-mode status LED indicator 8 Channel State LEDs - Contact Closure open/closed |
| | H x W x D | 8" x 5" x 1" |
| | Weight | 0.75 lbs |
| Environment | Operating Temperature | 0°C to 40°C (32°F to 104°F) |
| General | Standards/Approvals | UL/cUL (Safety): 60950 FCC Part 15: (emissions) Class B CAN 2.0B Compliant Patents Pending |
| Accessories | Included | AC Power Adapter (for external devices) Mounting Hardware |