
ALARM INPUT MODULE II

AIM II

The Alarm Input Module II (AIM II) is part of the INTREPID™ Series II family of products. Its function is to monitor contact closures from other sensors that are not part of INTREPID Series II communications. It has eight (8) inputs, each with an associated LED to indicate when the contact closure has an alarm condition. LED's are also provided for communications and power status.

A system controller such as the Relay Control Module II (RCM II), Control Module II (CM II), Control Module II - Networked (CM II-N) Graphic Control Module II – Heavy Duty (GCM II-HD), Perimeter Security Manager (PSM), Remote Polling Module II (RPM II) or SDK (Software Development Kit) is required to individually configure the inputs of the AIM II.

Each input can be configured for a Normally Open (N.O.) or a Normally Closed (N.C.) state by means of a dip switch on the circuit board. Each input can also be configured to a Supervised or Unsupervised state by means of a dip switch on the circuit board. *Note: Resistors will be required. See AIM II manual for details.*

The AIM II communicates with other INTREPID Series II devices using RS422 communications. This communication can be done over 22 or 24 gauge stranded shielded twisted pair wire (max 5,000 feet [1,500m] between devices) or fiber optic devices. The address of the AIM II is set by a dip switch on the circuit board.

The AIM II operates from 10.5 to 60 VDC @ 2.1 Watts with a minimum startup current of 190mA. The operating current with standard power supplies are: 12 VDC @ 115mA, 24 VDC @ 65mA and 48 VDC @ 40mA.

The AIM II is packaged in the standard INTREPID enclosure as shown in Figure 1. The dimensions are 5.5 in. H x 13.5 in. W x 5 in. deep (14cm H x 34.3cm W x 12.7cm D). It weighs 2.5 lbs (1.1kg).



Figure 1 – INTREPID Enclosure for AIM II

The AIM II circuit board also has perforated ends that can be cut off to fit the board into a smaller or other enclosure as needed for site requirements as shown in Figure 2. The circuit board dimensions are 5.0 in. H x 10.7 in. W (12.7cm H x 27.2cm W). With the board wings removed, the board dimensions are 5.0 in. H x 6.0 in. W (12.7cm H x 15.24cm W).

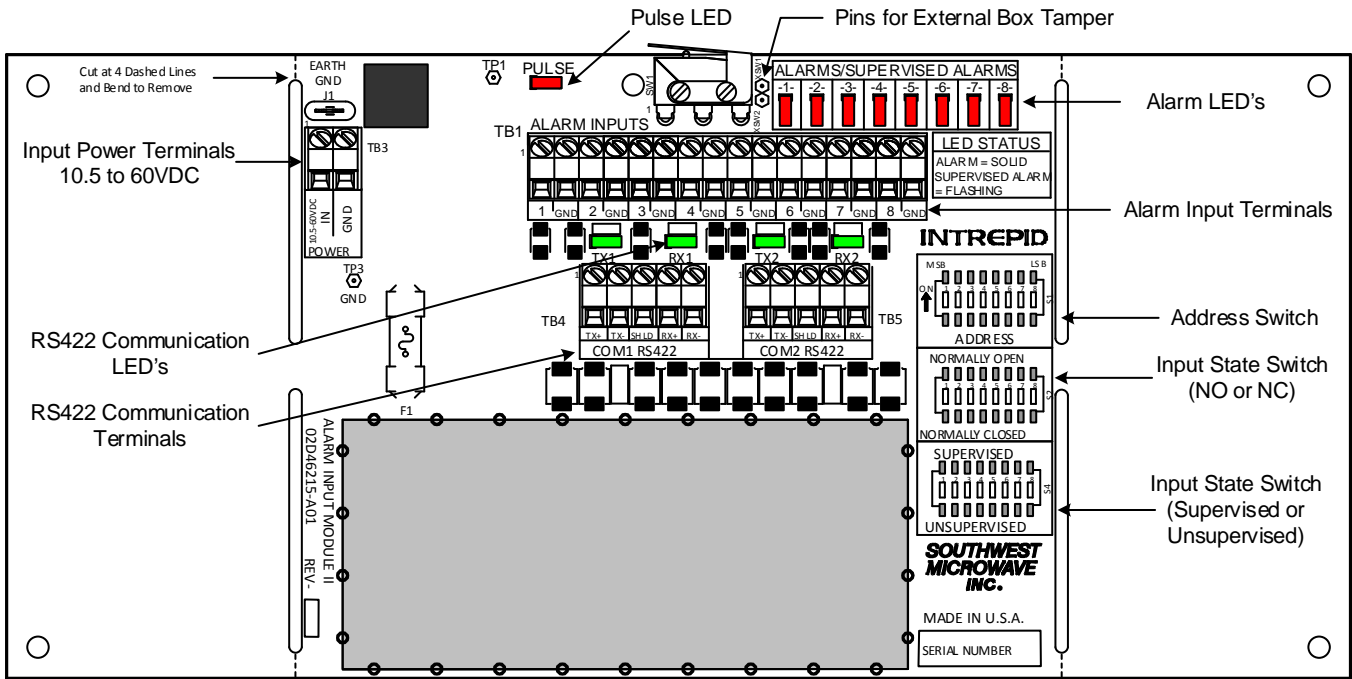


Figure 2 –AIM II Circuit Board