
RELAY OUTPUT MODULE II

ROM II-8 / ROM II-16

The Relay Output Module II (ROM II) is part of the INTREPID™ Series II family of products. It is available in two (2) configurations: *the ROM II-8 has eight (8) relay outputs and the ROM II-16 has sixteen (16) relay outputs*. Its function is to provide relay output contact closures to interface with alarm monitoring devices such as alarm panels, DVR's or CCTV matrix systems. Each output has 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 Software Development Kit (SDK) is required to individually configure the outputs of the ROM II-8 or ROM II-16.

Each output has a Normally Open (N.O.), a Normally Closed (N.C.) and a Common (COM) position available at the terminal strips on the circuit board.

The ROM 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 ROM II is set by a dip switch on the circuit board.

The ROM II-8 operates from 10.5 to 60 VDC @ 3.2 Watts with a minimum startup current of 375mA. The operating current with standard power supplies are: 12 VDC @ 205mA, 24 VDC @ 115mA and 48 VDC @ 65mA.

The ROM II-16 operates from 10.5 to 60 VDC @ 5.4 Watts with a minimum startup current of 600mA. The operating current with standard power supplies are: 12 VDC @ 360mA, 24 VDC @ 190mA and 48 VDC @ 105mA.

The ROM 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 ROM II

The ROM II circuit board, as shown in Figure 2 and Figure 3, can be installed in other enclosures as needed for site requirements. The circuit board dimensions are 5.0 in. H x 10.7 in. W (12.7cm H x 27.2cm W).

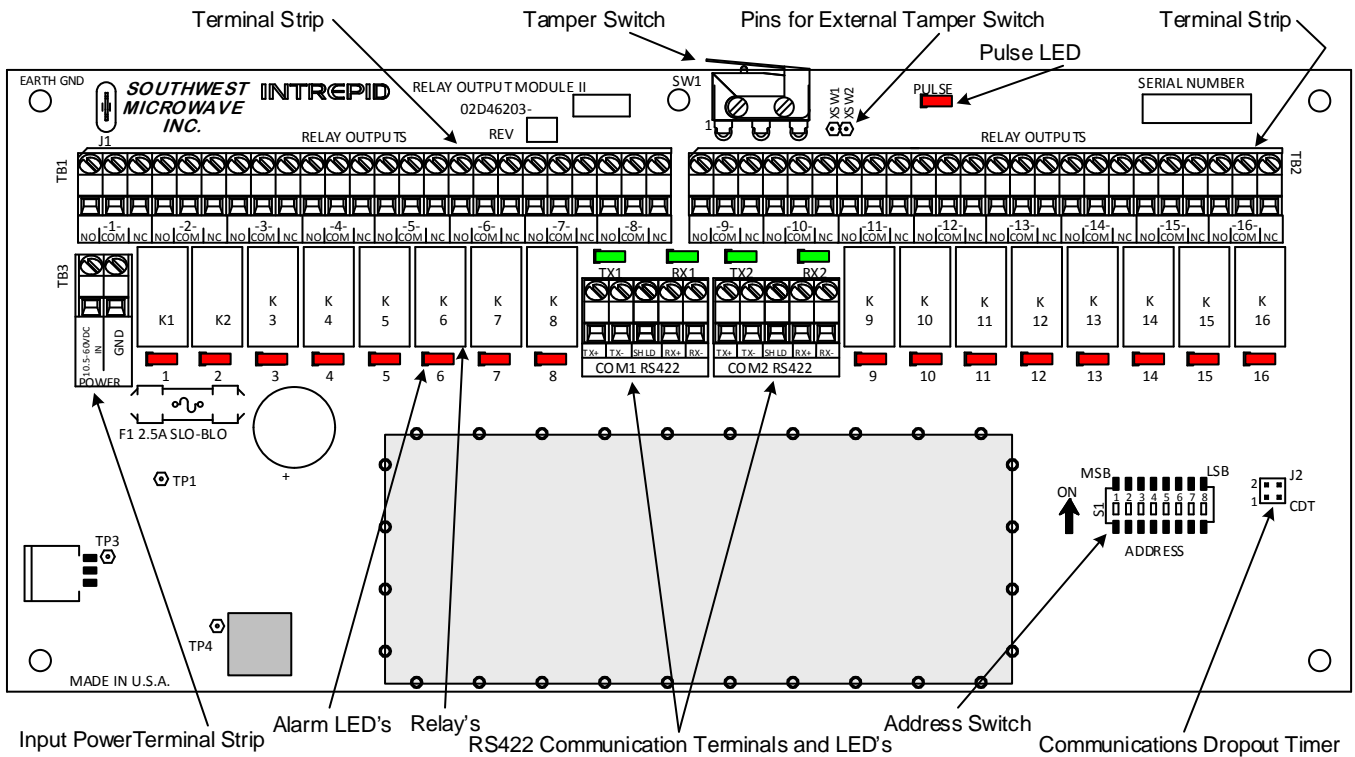


Figure 2 – ROM II-16 Circuit Board

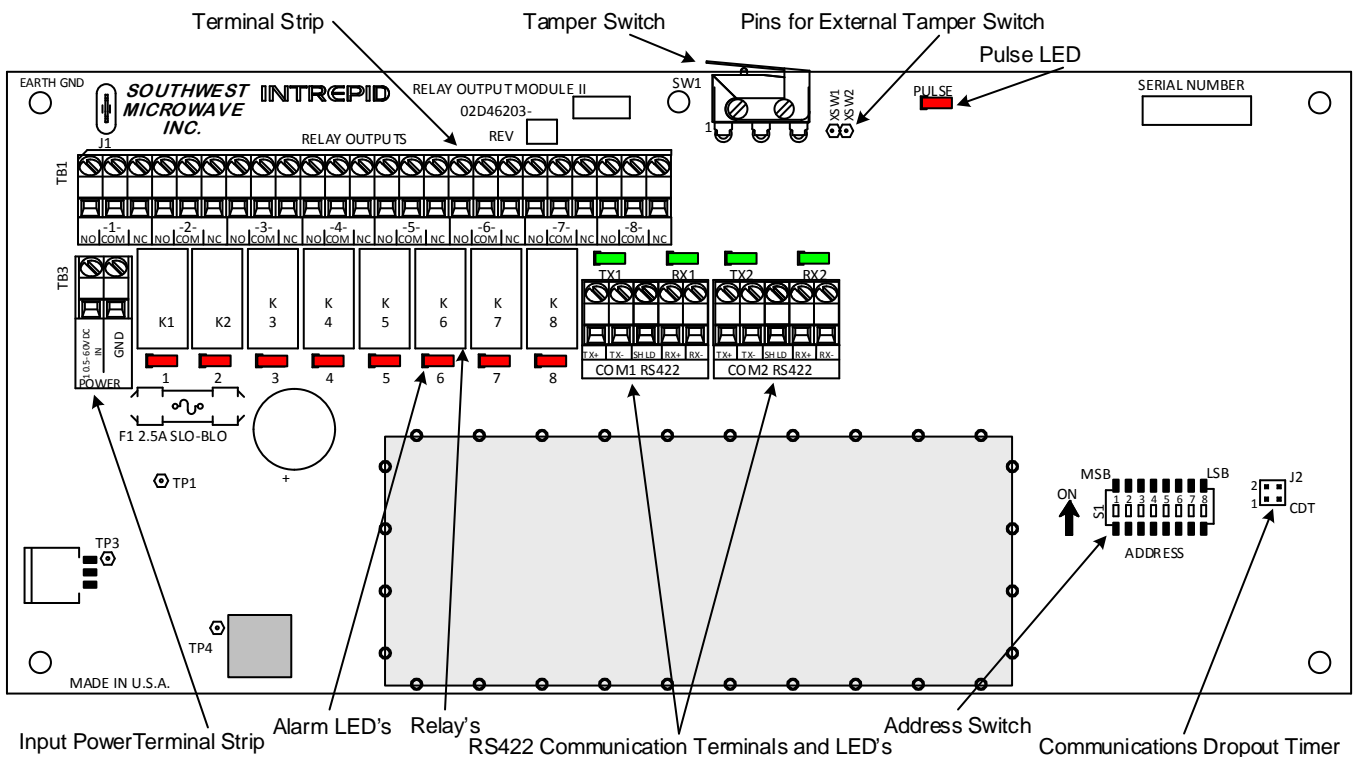


Figure 3 – ROM II-8 Circuit Board