

INTECH Micro 2100-RL2.

2 Relay Slave Board
DIN Rail Mount.



2100-RL2 Specifications.

(Refer 2100-A16 Installation Guide for other applicable specifications.)

Current Usage	25mA per Relay. 50mA max with both ON.	
Outputs:	2 Individually Isolated Changeover Relays with LED Indication of Each Output.	
-Contact Material	Silver Alloy	
-Relay Ratings	Maximum Ratings	Approved to Standard
	250Vac, 2A; 125Vac, 2A	UL
	110Vdc, 0.3A; 30Vdc, 2A;	CSA
	250Vac, 1/6hp; 125Vac, 1/10hp.	
-Number of Operations	2 x 10 ⁵ Min, at 1A, 250Vac Resistive Load.	
Mains Isolation	250Vac.	
Input/Output Isolation Test Voltages	-Relay Outputs to All Other Terminals:	3000Vac 50Hz for 1min.
	-Between Relay Outputs:	1500Vac 50Hz for 1min.
Dimensions	L=78, W=45, H = 45mm.	

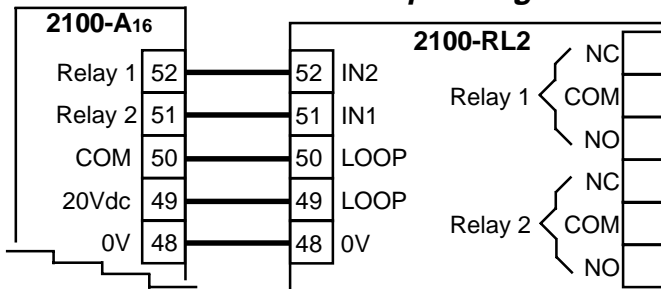
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Warning: These products are not designed for use in, and should not be used for patient connected applications. In any critical installation an independent fail-safe back-up system must always be implemented.

Ordering Information. 2100-RL2 2100-RL2; 2 Relay Slave Board.

CAUTION: Dangerous voltages may be present. The 2100-RL2 has no user serviceable parts. Protective enclosure only to be opened by qualified personnel. Remove ALL power sources before removing protective cover.

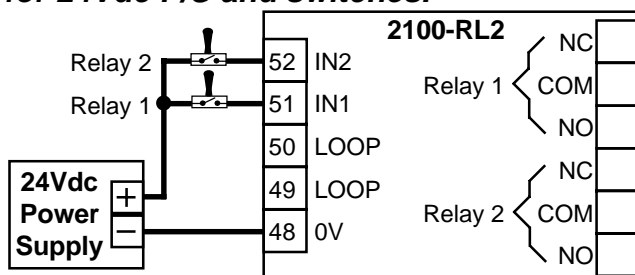
2100-A16 Connection Example Diagram for Using the 2100-RL2, 2 Relay Slave Board.



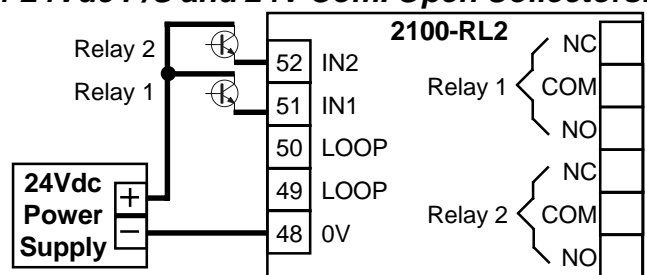
Note 1. Activating Relay 1 on the 2100-A16 activates Relay 1 on the 2100-RL2. Activating Relay 2 on the 2100-A16 activates Relay 2 on the 2100-RL2.

Note 2. Maximum voltage at the 2100-A16 Relays is 30Vac/dc, and the relays are commoned. Using the 2100-RL2 as a Relay Slave Board allows isolated signals of up to 250Vac to be switched.

2100-RL2 Connection Example Diagram for 24Vdc P/S and switches.



2100-RL2 Connection Example Diagram for 24Vdc P/S and 24V Com. Open Collectors.



2100-RL2 Mounting.

THE 2100-RL2 IS TO BE INSTALLED AND SERVICED BY SERVICE PERSONNEL ONLY. NO OPERATOR / USER SERVICEABLE PARTS.

All power and signals must be de-energised before connecting any wiring, or altering any Jumpers or Dip Switches.

- (1) Mount in a clean environment in an electrical cabinet on DIN or EN mounting rail.
- (2) Do not subject to vibration or excess temperature or humidity variations.
- (3) Avoid mounting in cabinets with power control equipment.
- (4) To maintain compliance with the EMC Directives the 2100-RL2s are to be mounted in a fully enclosed steel fire cabinet. The cabinet must be properly earthed, with appropriate input / output entry points and cabling.

Quality Assurance Programme.

The modern technology and strict procedures of the ISO9001 Quality Assurance Programme applied during design, development, production and final inspection grant long term reliability of the instrument. This instrument has been designed and built to comply with EMC and Safety Standards requirements.

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