

MAS-DO-RL

Field Interface Boards

8 Relay Output - 2CO



Masibus Relay Output Field Interface Board has 8 channel, with 24VDC coil voltage and 2CO contact configuration. It has screw terminals at both end for interfacing PLC digital output to field signals.

Features

- Relay Board with 8 - Channel
- Coil Voltage : 24V DC
- Freewheeling diode across the relay coil for protection
- Jumpers for selection between positive/negative looping
- Available with pluggable relays
- Mounting on DIN carrier Rail

Applications

- Convert open collector to relay output
- SCADA/DCS/PLC

TECHNICAL SPECIFICATIONS

General Data		Power Consumption (mW)	Approx. 530 mW
Relay Make	OMRON G2RL Series	Must Operate Voltage	80% max. of rated voltage
Input Indication	Red LED for Input status indication	Must Release Voltage	30% min. of rated voltage
Relay Protection	Free wheeling diode across relay coil	Maximum Voltage	140% of rated voltage (at 85°C)
Positive/Negative Looping	Common, remove all jumpers to make relay independent	Isolation	
Relay Contact Data			OMRON G2RL Series
	OMRON G2RL Series	Isolation	1.5KV VAC, 50/60 Hz for 1 min between coil and contacts
Rated Current (Resistive load)	5A at 250VAC 5A at 24VDC	Insulation Resistance	1000 MΩ min. (at 500 VDC) between coil and contact
Max. Switching Voltage	380V AC, 125V DC	Physical	
Relay on Time	15m sec. max.		OMRON G2RL Series
Relay off Time	5m sec. max.	Dimension in mm (LxWxD)	160 X 90 X 70
Contact Resistance	50mOhm max.	Mounting	DIN-Rail
Contact Type	2 C/O (DPDT)	Profile Material	PVC
Insulation Resistance	1000 MΩ min.	Terminal Block	UL, CSA standard
Relay Coil Data		Terminal Cable Size	Upto 2.5mm ² conductor
	OMRON G2RL Series	Weight	400 gm approx.
Rated Coil Voltage	24V DC		
Coil Resistance (Ohms)	1100		
Rated Coil Current (mA)	21.8 mA		

TECHNICAL SPECIFICATIONS

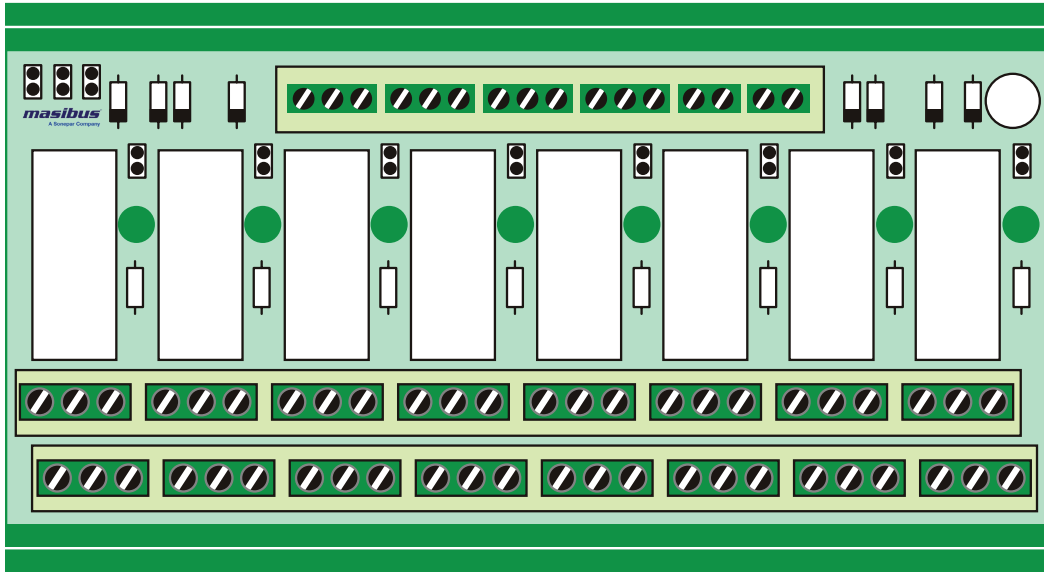
Environment		Humidity	30-95% RH (Non-Condensing)
OMRON G2RL Series		Environmental Protection	Conformal Coating on PCB
Operating Temperature	0°C to 50°C		

Ordering Code

Model No.	No. of Channels	Changeover		Voltage		Rated Current (Resistive load)	
MAS-DO-RL	XX	XX	XX	XX	XX	XX	XX
	08	8 Channel	2CO Two change over	24	24VDC coil voltage	-	10A

Note: For Special Range Consult Factory

Layout Diagram



Connection Diagram

