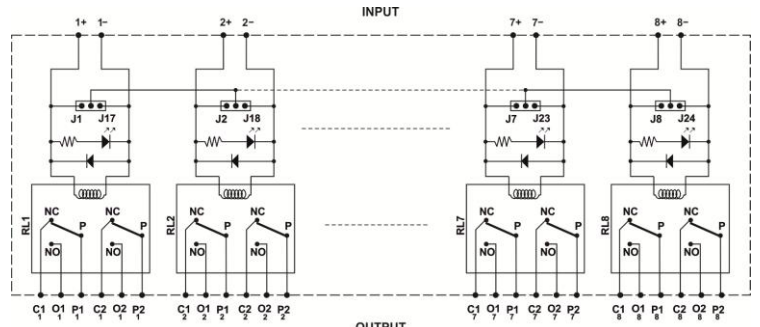


## 2 C/O Relay Interface Modules With OMRON Relay



Schematic

**Note:** Default jumper setting for **negative** looping.

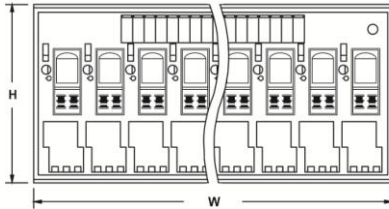
For Positive looping of coils place jumpers at J1, J2 ...J8.  
For Negative looping of coils place jumpers at J17, J18 ...J24.



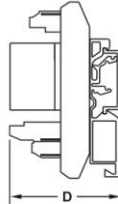
While looping keep all jumpers at positive / negative loop or isolated. Never keep partial positive/negative looping as it causes short circuit at coil side.

**NOTE:**

C1 , C2 : NC (Normally closed)  
O1 , O2 : NO (Normally open)  
P1 , P2 : Pole / common



Dimensions



<b>FEATURES</b>	LED & Freewheeling diode across coil Jumpers for Coil Looping				
<b>CONTACT CONFIGURATION</b>	2C/O				
<b>NO. OF CHANNELS</b>	4, 8				
<b>RELAY</b>	<b>RELAY MAKE</b>	OMRON G2RL-2C on Socket mounted			
	<b>NOMINAL COIL VOLTAGE</b>	24VDC			
	<b>MUST OPERATE VOLTAGE</b>	21VDC			
	<b>MUST RELEASE VOLTAGE</b>	6.2VDC			
	<b>MAX. COIL VOLTAGE</b>	26.4VDC			
	<b>COIL CURRENT PER CHANNEL<sup>(1)</sup></b>	25mA			
	<b>OPERATE (SET) TIME</b>	15 ms max.			
	<b>RELEASE (RESET) TIME</b>	20 ms max.			
	<b>ENDURANCE</b>	Electrical : 100,000 operations min. (at 1,800 operations/hr)			
	<b>MAX. OPERATING FREQUENCY</b>	Mechanical : 18,000 operations/hr Electrical : 1,800 operations/hr			
<b>DIELECTRIC STRENGTH</b>	1. Coil to coil (when isolated) : 100VAC , 50/60 Hz for 1 minute 2. Coil to contact : 2KVAC , 50/60 Hz for 1 minute 3. Contacts of different polarity : 1KVAC , 50/60 Hz for 1 minute 4. Contacts of same polarity : 1KVAC , 50/60 Hz for 1 minute 5. Contacts - channel to channel : 1.5KVC, 50/60 Hz for 1 minute				
<b>CONTACT RATING</b>	<b>RELAY</b>	5A@28VDC/230VAC			
	<b>ON BOARD</b>	5A@28VDC/230VAC			
<b>OPERATING AMBIENT</b>	0~55°C, 85% RH				
<b>STORAGE AMBIENT</b>	-20°C to 85°C				
<b>TERMINATIONS</b>	<b>COIL TERMINATION</b>	Screw type, for 2.5mm sq. wire			
	<b>CONTACT TERMINATION</b>	Screw type, for 2.5mm sq. wire			
<b>MOUNTING</b>	35 mm DIN rail				
<b>ORDERING INFORMATION</b>	<b>AS88X - 24V-S-OL</b>				
	<b>NO. OF RELAYS</b>	<b>DESIGN NO.</b>	<b>COIL VOLTAGE, SOCKET &amp; RELAY</b>	<b>DIMENSIONS W x H x D (mm)</b>	<b>WEIGHT (MAX)</b>
	4	AS883	24V : 24VDC S : WITH SOCKET OL : G2RL-2-24VDC OMRON <small>(ALL FIXED)</small>	93 x 80 x 58	175 grams
8	AS885		160 x 80 x 58	340 grams	

Note : 1. Current including LED current