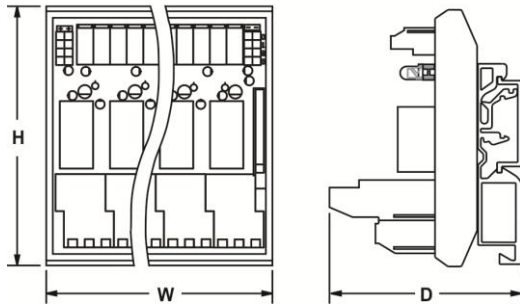
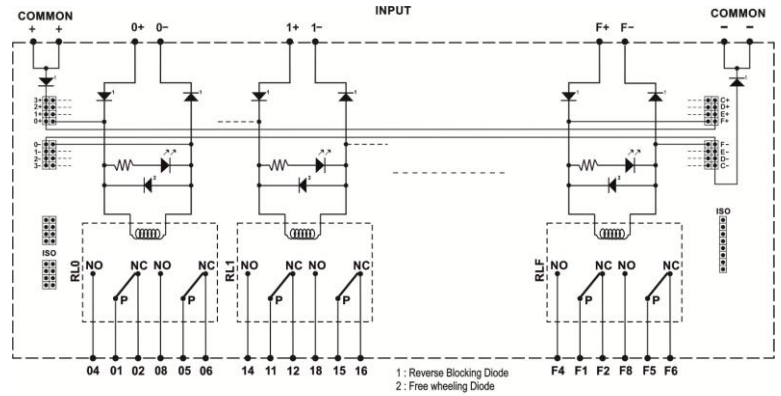


## 2 C/O High Sensitivity Relay Module With jumpers for Coil Looping & Reverse Blocking Diodes



Dimensions



OUTPUT  
Schematic

**Note:** Default jumper setting is isolated.

For Negative looping of coils place jumpers at 0-, 1-, 2-, ..., F-.  
For Positive looping of coils place jumpers at 0+, 1+, 2+, ..., F+.  
For Isolated coils place jumpers at ISO.

<b>FEATURES</b>	<ul style="list-style-type: none"> <li>High Sensitivity Relays</li> <li>LED &amp; Free wheeling diode across coil</li> <li>Jumpers For Coil looping</li> <li>Reverse Polarity Blocking diode</li> </ul>					
<b>CONTACT CONFIGURATION</b>	2C/O					
<b>NO. OF CHANNELS</b>	1, 2, 4, 8					
<b>INPUT</b>	<b>NOMINAL INPUT VOLTAGE</b>	5VDC	6VDC	12VDC	24VDC	48VDC
	<b>MUST OPERATE VOLTAGE</b>	3.75VDC	4.5VDC	9VDC	18VDC	36V
	<b>MUST RELEASE VOLTAGE</b>	0.25VDC	0.3VDC	0.6VDC	1.2VDC	2.4VDC
	<b>MAX. INPUT VOLTAGE</b>	9VDC	11VDC	21.6VDC	43VDC	72VDC
	<b>INPUT CURRENT PER CHANNEL</b>	35mA	30mA	18mA	14mA	13mA
<b>RELAY</b>	<b>OPERATE (SET) TIME</b>	7ms max.				
	<b>RELEASE (RESET) TIME</b>	3ms max.				
	<b>ENDURANCE</b>	Mechanical : 15,000,000 operations min. (at 36,000 operations/hr) Electrical : 100,000 operations min. (at 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 : 1KVAC , 50/60 Hz for 1 minute 3. Contacts of different polarity : 1KVAC , 50/60 Hz for 1 minute 4. Contacts of same polarity : 0.5KVAC , 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>	0.5A@125VAC, 1A@24VDC				
	<b>ON BOARD</b>	0.5A@125VAC, 1A@24VDC				
<b>OPERATING AMBIENT</b>	0-55°C, 85% RH					
<b>STORAGE AMBIENT</b>	-20°C to 85°C					
<b>TERMINATIONS</b>	<b>COIL SIDE</b>	Screw type, for 2.5mm sq. wire				
	<b>CONTACT SIDE</b>	Screw type, for 2.5mm sq. wire				
<b>MOUNTING</b>	35 mm DIN rail					
<b>ORDERING INFORMATION</b>	<b>AS681 - 24V- G5V</b>					
	<b>NO. OF RELAYS</b>	<b>DESIGN NO.</b>	<b>RELAY COIL VOLTAGE</b>	<b>Relay Make</b>	<b>DIMENSIONS W x H x D (mm)</b>	<b>WEIGHT (MAX)</b>
	1	AS681	12V : 12VDC 24V : 24VDC	G5V : OMRON G5V-2-H1	24 x 80 x 65	-
	2	AS682			46 x 80 x 65	100 grams
	4	AS683			68 x 80 x 65	160 grams
8	AS685	137 x 80 x 65			-	

Note : 1. Current including LED current.