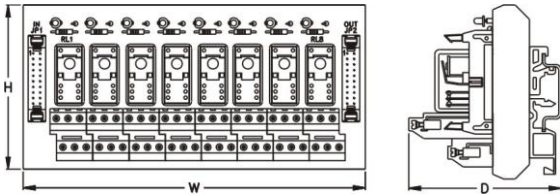
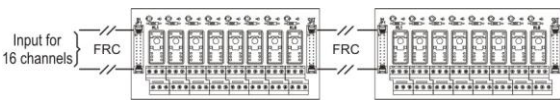


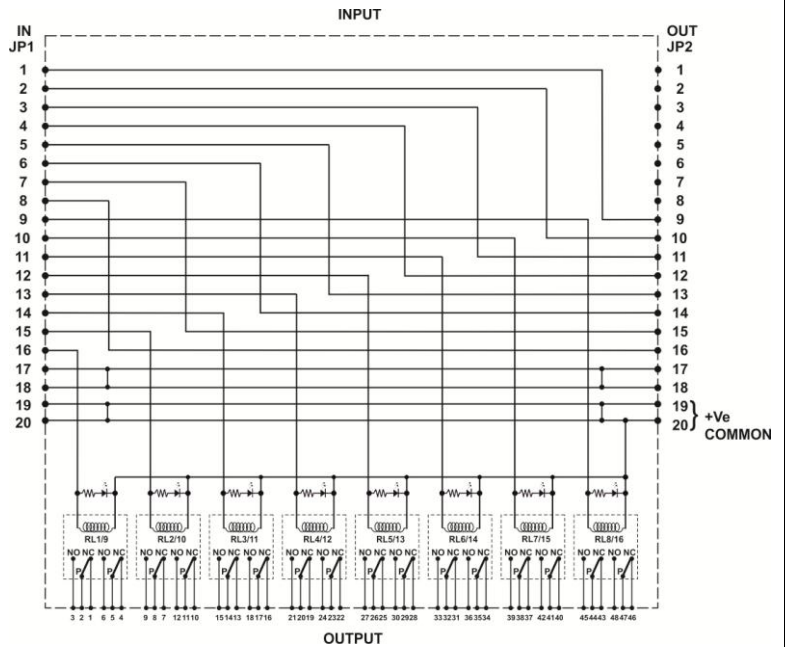
## 2C/O Module With FRC Connector Input & Cascading



Dimensions



Typical Connection For 16 Channels



Schematic

<b>FEATURES</b>	<ul style="list-style-type: none"> <li>Coil Connection cascading through FRC Connector, suitable for open collector ( NPN ) output terminals<sup>(1)</sup></li> <li>LED across coil</li> </ul>					
<b>CONTACT CONFIGURATION</b>	2C/O					
<b>NO. OF CHANNELS</b>	8					
<b>RELAY</b>	<b>NOMINAL COIL VOLTAGE</b>	5VDC	6VDC	12VDC	24VDC	48VDC
	<b>MUST OPERATE VOLTAGE</b>	4.7VDC	5.5VDC	10.3VDC	19.9VDC	39.1VDC
	<b>MUST RELEASE VOLTAGE</b>	1.7VDC	1.9VDC	3.1VDC	5.5VDC	10.3VDC
	<b>MAX. COIL VOLTAGE</b>	5.5VDC	6.6VDC	13.2 VDC	26.4VDC	52.8VDC
	<b>CURRENT PER CHANNEL<sup>(2)</sup></b>	110mA	95mA	50mA	25mA	15mA
	<b>OPERATE (SET) TIME</b>	15ms max.				
	<b>RELEASE (RESET) TIME</b>	20ms max.				
	<b>ENDURANCE</b>	Mechanical : 20,000,000 operations min. (at 1,800 operations/hr) Electrical : 100,000 operations min. (at 1,800 operations/hr under rated load)				
<b>MAX. OPERATING FREQUENCY</b>	Mechanical : 18,000 operations/hr Electrical : 1,800 operations/hr					
<b>DIELECTRIC STRENGTH</b>	1. Coil to contact : 1.5KVAC , 50/60 Hz for 1 minute 2. Contacts of different polarity : 1KVAC , 50/60 Hz for 1 minute 3. Contacts of same polarity : 1KVAC , 50/60 Hz for 1 minute 4. Contacts - channel to channel : 1.5KVAC , 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 SIDE</b>	FRC Connector 20 pin, Male, Straight.				
	<b>CONTACT SIDE</b>	Screw type, for 2.5mm sq. wire				
<b>MOUNTING</b>	35 mm DIN rail					
<b>ORDERING INFORMATION</b>	<b>AS296, -24V, -S, -OE</b>					
	<b>NO. OF RELAYS</b>	<b>DESIGN NO.</b>	<b>COIL VOLTAGE</b>	<b>RELAY SOCKET</b>	<b>RELAY MAKE</b>	<b>DIMENSIONS W x H x D (mm)</b>
8	AS296	5V : 5VDC 6V : 6VDC 12V : 12VDC 24V : 24VDC 48V : 48VDC	S : WITH SOCKET : SOLDERED	OE : OEN 58 OL : OMRON G2RL	137 x 80 x 70	400 grams
Note : 1. External free wheeling diode may be required. 2. Current including LED current.						