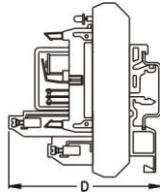
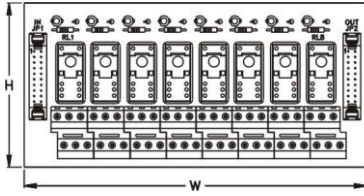
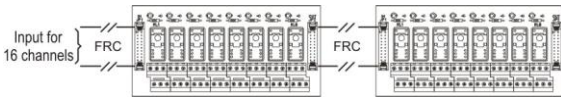


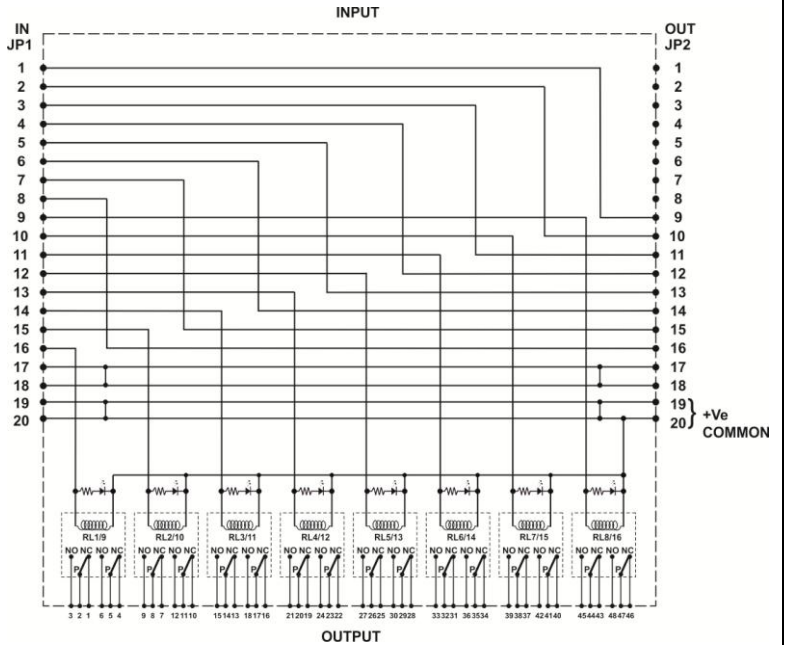
2C/O Module With FRC Connector Input & Cascading



Dimensions



Typical Connection For 16 Channels



Schematic

FEATURES	<ul style="list-style-type: none">Coil Connection cascading through FRC Connector, suitable for open collector (NPN) output terminals⁽¹⁾LED across coil						
CONTACT CONFIGURATION	2C/O						
NO. OF CHANNELS	8						
RELAY	NOMINAL COIL VOLTAGE	5VDC	6VDC	12VDC	24VDC	48VDC	
	MUST OPERATE VOLTAGE	4.7VDC	5.5VDC	10.3VDC	19.9VDC	39.1VDC	
	MUST RELEASE VOLTAGE	1.7VDC	1.9VDC	3.1VDC	5.5VDC	10.3VDC	
	MAX. COIL VOLTAGE	5.5VDC	6.6VDC	13.2 VDC	26.4VDC	52.8VDC	
	CURRENT PER CHANNEL ⁽²⁾	110mA	95mA	50mA	25mA	15mA	
	OPERATE (SET) TIME	15ms max.					
	RELEASE (RESET) TIME	20ms max.					
	ENDURANCE	Mechanical : 20,000,000 operations min. (at 1,800 operations/hr) Electrical : 100,000 operations min. (at 1,800 operations/hr under rated load)					
	MAX. OPERATING FREQUENCY	Mechanical : 18,000 operations/hr Electrical : 1,800 operations/hr					
DIELECTRIC STRENGTH	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 : 1.5KVC , 50/60 Hz for 1 minute						
CONTACT RATING	RELAY	5A@28VDC/230VAC					
	ON BOARD	5A@28VDC/230VAC					
OPERATING AMBIENT	0-55°C, 85% RH						
STORAGE AMBIENT	-20°C to 85°C						
TERMINATIONS	COIL SIDE	FRC Connector 20 pin, Male, Straight.					
	CONTACT SIDE	Screw type, for 2.5mm sq. wire					
MOUNTING	35 mm DIN rail						
ORDERING INFORMATION	<div>AS296 - 24V - S - OE</div> <div></div>						
	NO. OF RELAYS	DESIGN NO.	COIL VOLTAGE	RELAY SOCKET	RELAY MAKE	DIMENSIONS W x H x D (mm)	WEIGHT (MAX)
	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.