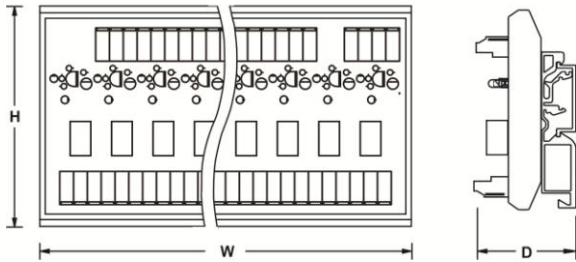
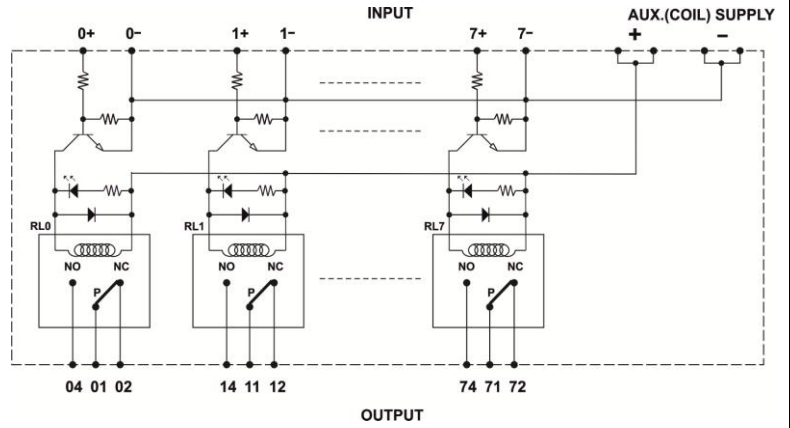


1C/O High Sensitivity Signal Relay Module With TTL / Low Current Input



Dimensions



Schematic

FEATURES	<ul style="list-style-type: none"> LED & Free wheeling diode across coil Low current control input 		
CONTACT CONFIGURATION	1C/O		
NO. OF CHANNELS	1, 2, 4, 8		
INPUT TYPE	PNP / SOURCING ⁽²⁾		
INPUT	NOMINAL INPUT (TTL) VOLTAGE	5VDC	24VDC
	MUST OPERATE VOLTAGE	1.9VDC	9VDC
	MUST RELEASE VOLTAGE	1VDC	5VDC
	MAX. INPUT VOLTAGE	10VDC	30VDC
	INPUT CURRENT PER CHANNEL	1mA	5mA
RELAY	OPERATE (SET) TIME	5 ms max.	
	RELEASE (RESET) TIME	5 ms max.	
	ENDURANCE	Mechanical : 5,000,000 operations min. (at 36,000 operations/hr) Electrical : 100,000 operations min. (at 1,800 operations/hr under rated load)	
AUX. (COIL) VOLTAGE	12VDC / 24VDC +/-10% (20mA / 10mA per channel) ^{(1) (2)}		
DIELECTRIC STRENGTH	1. TTL input to contacts : 1KVAC , 50/60 Hz for 1 minute 2. Coil to contact : 1KVAC , 50/60 Hz for 1 minute 3. Contacts of same polarity : 400VAC , 50/60 Hz for 1 minute 4. Contacts - channel to channel : 1KVC , 50/60 Hz for 1 minute		
CONTACT RATING	RELAY	1A@24VDC, 0.5A@125VAC	
	ON BOARD	1A@24VDC, 0.5A@125VAC	
OPERATING AMBIENT	0-55°C, 85% RH		
STORAGE AMBIENT	-20°C to 85°C		
TERMINATIONS	COIL SIDE	Screw type, for 2.5mm sq. wire	
	CONTACT SIDE	Screw type, for 2.5mm sq. wire	
MOUNTING	35 mm DIN rail		

ORDERING INFORMATION	AS535, -05V, -24V, -G5V						
	↓	↓	↓	↓	↓	↓	
	NO. OF RELAYS	DESIGN NO.	TTL INPUT	RELAY COIL VOLTAGE	RELAY MAKE	DIMENSIONS W x H x D (mm)	WEIGHT (MAX)
	1	AS531	5V : 5VDC 24V : 24VDC	12V : 12VDC 24V : 24VDC	G5V : OMRON G5V-1	24 x 80 x 70	-
	2	AS532				46 x 80 x 70	-
4	AS533	68 x 80 x 70				-	
8	AS535	137 x 80 x 70				220 grams	

Note : 1. Current including LED current.

2. ⚠ CAUTION : Input common (0V) & Aux. -Ve (0V) are shorted internally.