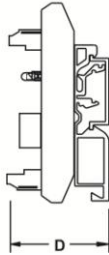
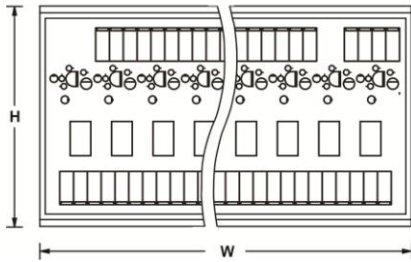
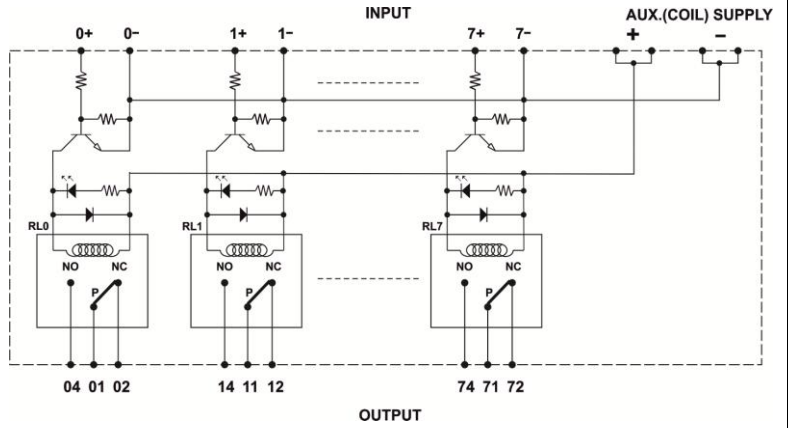


1C/O High Sensitivity Signal Relay Module With TTL / Low Current Input



Dimensions



Schematic

FEATURES	<ul style="list-style-type: none">LED & Free wheeling diode across coilLow 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	<div>AS535, -05V - 24V - G5V</div> <div><div></div><div></div><div></div><div></div></div>						
	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.