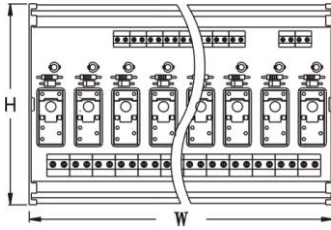
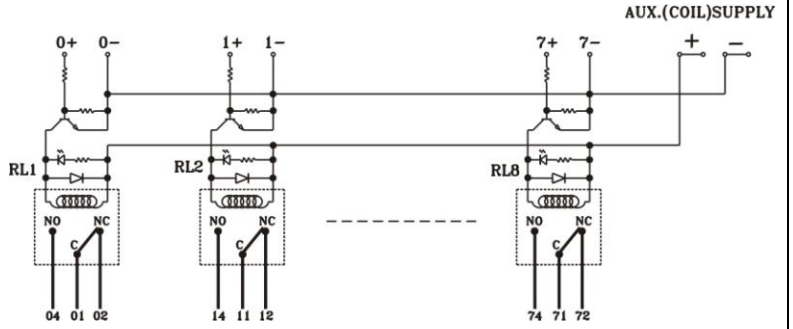
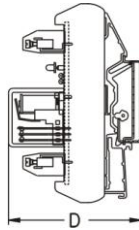


1C/O Low Signal Relay Module With TTL / Low current input



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, -5V, -24V, -OM					
	NO. OF RELAYS	DESIGN NO.	TTL INPUT	RELAY COIL VOLTAGE	RELAY MAKE	DIMENSIONS W x H x D (mm)
	1	AS531	5V : 5VDC 24V : 24VDC	12V : 12VDC 24V : 24VDC	OM : 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				
					WEIGHT (MAX)	
					-	
					-	
					220 grams	
Note : 1. Current including LED current. 2. ⚠ CAUTION : Input common (0V) & Aux. -Ve (0V) are shorted internally.						