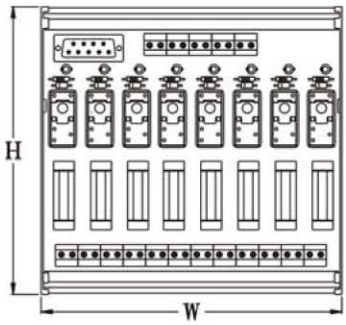
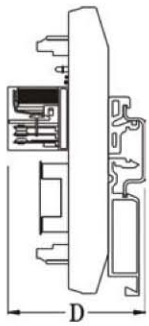
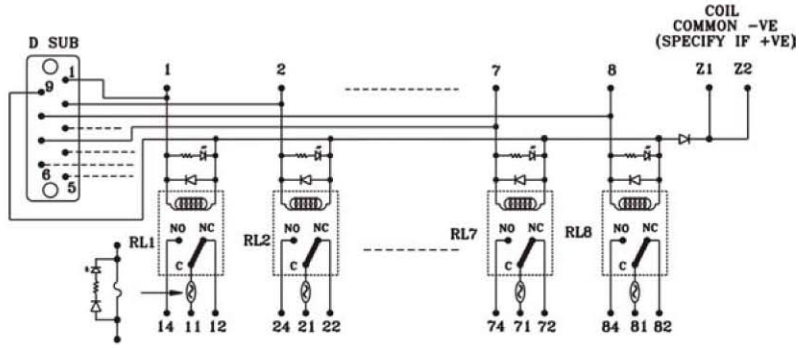
1C/O Relay Module with DSUB connector & Fuse Fail Indication



Dimensions





Schematic

FEATURES	• LED & Free wheeling diode across coil. • Reverse Polarity blocking diode. • Coil connection through DSUB connector. • Fuse fail indication.					
CONTACT CONFIGURATION	1C/O					
NO. OF CHANNELS	8					
RELAY	**NOMINAL COIL VOLTAGE**	5VDC	6VDC	12VDC	24VDC	48VDC
	MUST OPERATE VOLTAGE	4.7VDC	5.5VDC	9.6VDC	19.2VDC	39.1VDC
	MUST RELEASE VOLTAGE	1.7VDC	1.9VDC	2.4VDC	4.8VDC	10.3VDC
	MAX. COIL VOLTAGE	5.5VDC	6.6VDC	13.2VDC	26.4VDC	52.8VDC
	COIL CURRENT PER CHANNEL(1)	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 same polarity : 1KVAC , 50/60 Hz for 1 minute 3. Contacts - channel to channel : 1.5KVC, 50/60 Hz for 1 minute					
CONTACT RATING	**RELAY**	10A@28VDC/230VAC				
	ON BOARD	5A@28VDC/230VAC				
OPERATING AMBIENT	0~55°C, 85% RH					
STORAGE AMBIENT	-20°C to 85°C					
TERMINATIONS	**COIL SIDE**	1. Screw type, for 2.5mm sq. wire 2. DSUB connector, 9 pin Male				
	CONTACT SIDE	Screw type, for 2.5mm sq. wire				
MOUNTING	35 mm DIN rail					

ORDERING INFORMATION

AS291 - 24V - N - S - OM - 24VDC-2A

NO. OF RELAYS	DESIGN NO.	COIL VOLTAGE	COIL LOOPING	RELAY SOCKET	RELAY MAKE	CONTACT RATING	DIMENSIONS W x H x D (mm)	WEIGHT (MAX)
8	AS291	5V : 5VDC 6V : 6VDC 12V : 12VDC 24V : 24VDC 48V : 48VDC	N : -Ve P : +Ve	S : WITH SOCKET : SOLDERED	OM : OMRON G2R : OEN 58DP	24VDC : 2A 24VDC : 5A 230VAC : 2A 230VAC : 5A	137 x 115 x 70	425 grams

Note : 1. Current including LED current.