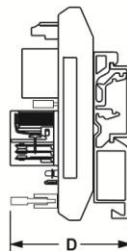
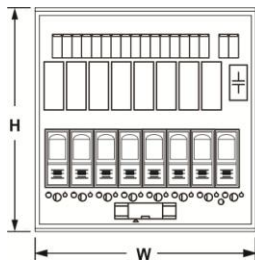
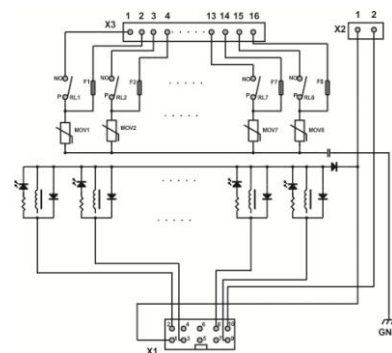


1 N/O Module with FRC Connector



Dimensions



Schematic

FEATURES	<ul style="list-style-type: none"> • FRC Connector, suitable for open collector (NPN) output terminals⁽¹⁾ • LED across coil • Fuse at pole 					
CONTACT CONFIGURATION	1N/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 10pin, Male, Straight.				
	CONTACT SIDE	Screw type, for 2.5mm sq. wire				
MOUNTING	35 mm DIN rail					
ORDERING INFORMATION	AS298 - 24V - S - OE					
	NO. OF RELAYS	DESIGN NO.	COIL VOLTAGE	RELAY SOCKET	RELAY MAKE	DIMENSIONS W x H x D (mm)
	8	AS298	5V : 5VDC 6V : 6VDC 12V : 12VDC 24V : 24VDC 48V : 48VDC	S : WITH SOCKET : SOLDERED	OE : OEN 58DP OL : OMRON G2RL	137 x 108 x 70

Note: 1. External free wheeling diode may be required.
2. Current including LED current.