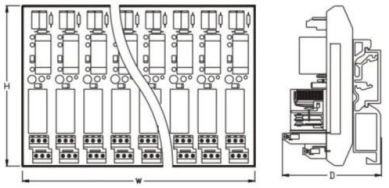
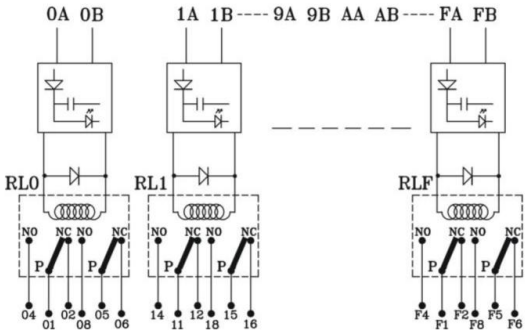
2 C/O Modules With High Voltage Isolated coils





FEATURES	LED & Free wheeling diode across coil				
CONTACT CONFIGURATION	2C/O				
NO. OF CHANNELS	1, 2, 4, 6, 8				
RELAY	**NOMINAL COIL VOLTAGE**(1)	48VDC	110VDC	110VAC	230VAC
	MUST OPERATE VOLTAGE	40VDC	90VDC	90VAC	185VAC
	MUST RELEASE VOLTAGE	10VDC	20VDC	20VAC	45VAC
	MAX. COIL VOLTAGE	55VDC	130VDC	130VAC	270VAC
	COIL CURRENT PER CHANNEL(2)	25mA	25mA	25mA	25mA
	INRUSH CURRENT	3.2A at 230VAC , 1.5A at 110VAC			
	OPERATE (SET) TIME	15ms max.			
	RELEASE (RESET) TIME	20ms max.			
	ENDURANCE	Electrical : 100,000 operations min. (at 1,800 operations/hr)			
	MAX. OPERATING FREQUENCY	Mechanical : 18,000 operations/hr Electrical : 1,800 operations/hr			
DIELECTRIC STRENGTH	1. Coil to coil (when isolated) : 1.5KVAC , 50/60 Hz for 1 minute 2. Coil to contact : 2KVAC , 50/60 Hz for 1 minute 3. Contacts of different polarity : 1KVAC , 50/60 Hz for 1 minute 4. Contacts of same polarity : 1KVAC , 50/60 Hz for 1 minute 5. Contacts - channel to channel : 1.5KVAC, 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 TERMINATION**	Screw type, for 2.5mm sq. wire			
	CONTACT TERMINATION	Screw type, for 2.5mm sq. wire			
MOUNTING	35 mm DIN rail				

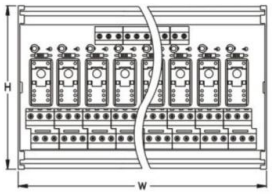
ORDERING INFORMATION

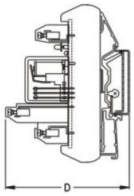
AS431 - 230VAC - S - OM

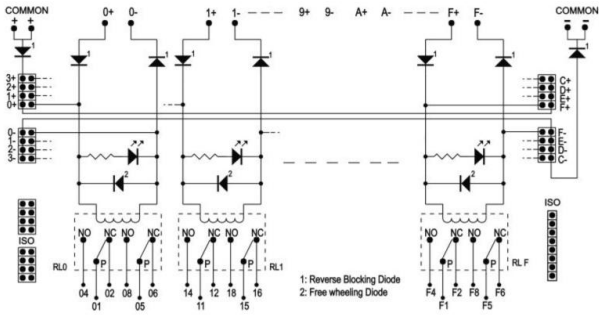
NO. OF RELAYS	DESIGN NO.	COIL VOLTAGE(1)	RELAY SOCKET	RELAY MAKE	DIMENSIONS W x H x D (mm)	WEIGHT (MAX)
1	AS431	**DC VOLTAGE** 48VDC 110VDC **AC VOLTAGE** 110VAC 230VAC	S : WITH SOCKET : SOLDERED	OM : OMRON G2R : OEN 58DP	24 x 115 x 70	90 grams
2	AS432				46 x 115 x 70	160 grams
4	AS433				91 x 115 x 70	270 grams
6	AS434				137 x 115 x 70	390 grams
8	AS435				159 x 115 x 70	500 grams

Note : 1. These modules are with basic relay of 24VDC coil along with suitable voltage converter.
2. Current including LED current.

2 C/O Modules With Jumpers for Coil Looping & Reverse Blocking Diodes







For Negative looping of coils place jumpers at 0-, 1-, 2-, …, F-.
For Positive looping of coils place jumpers at 0+, 1+, 2+, …, F+.
For isolated coils place jumpers at ISO (default).

FEATURES	LED & Free wheeling diode across coil Jumpers for Coil Looping Reverse Polarity blocking diode					
CONTACT CONFIGURATION	2C/O					
NO. OF CHANNELS	1, 2, 4, 8, 12, 16					
RELAY	**NOMINAL COIL VOLTAGE**	5VDC	6VDC	12VDC	24VDC	48VDC
	MUST OPERATE VOLTAGE	4.7VDC	5.5VDC	11.0VDC	20.6VDC	39.8VDC
	MUST RELEASE VOLTAGE	1.7VDC	1.9VDC	3.8VDC	6.2VDC	11.0VDC
	MAX. COIL VOLTAGE	5.5VDC	6.6VDC	13.2 VDC	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	Electrical : 100,000 operations min. (at 1,800 operations/hr)				
	MAX. OPERATING FREQUENCY	Mechanical : 18,000 operations/hr Electrical : 1,800 operations/hr				
DIELECTRIC STRENGTH	1. Coil to coil (when isolated) : 100VAC , 50/60 Hz for 1 minute 2. Coil to contact : 2KVAC , 50/60 Hz for 1 minute 3. Contacts of different polarity : 1KVAC , 50/60 Hz for 1 minute 4. Contacts of same polarity : 1KVAC , 50/60 Hz for 1 minute 5. 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 TERMINATION**	Screw type, for 1.5mm sq. wire				
	CONTACT TERMINATION	Screw type, for 2.5mm sq. wire				
MOUNTING	35 mm DIN rail					

ORDERING INFORMATION

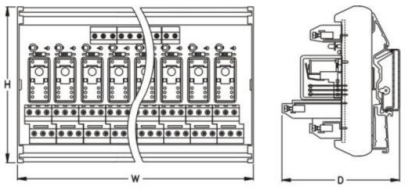
AS391,-24V,-S,-OM

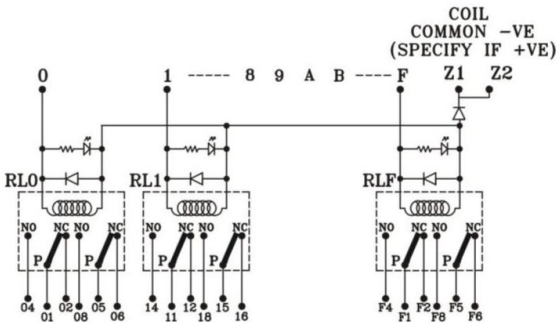
NO. OF RELAYS	DESIGN NO.	COIL VOLTAGE	RELAY SOCKET	RELAY MAKE	DIMENSIONS W x H x D (mm)	WEIGHT (MAX)
1	AS391	12V : 12VDC 24V : 24VDC	S : WITH SOCKET : SOLDERED	OM : OMRON G2R : OEN 58DP	24 x 80 x 70	100 grams
2	AS392				46 x 80 x 70	190 grams
4	AS393				68 x 80 x 70	310 grams
8	AS395				137 x 80 x 70	400 grams
12	AS396				204 x 80 x 70	610 grams
16	AS397				295 x 80 x 70	830 grams

Note : 1. Current including LED current.

2 C/O RELAY INTERFACE MODULES

2 C/O Modules With Looped Coils





FEATURES	LED & Free wheeling diode across coil Reverse Polarity blocking diode					
CONTACT CONFIGURATION	2C/O					
NO. OF CHANNELS	1, 2, 4, 8, 12, 16					
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
	COIL CURRENT PER CHANNEL(1)	110mA	95mA	50mA	25mA	15mA
	OPERATE (SET) TIME	15ms max.				
	RELEASE (RESET) TIME	20ms max.				
	ENDURANCE	Electrical : 100,000 operations min. (at 1,800 operations/hr)				
	MAX. OPERATING FREQUENCY	Mechanical : 18,000 operations/hr Electrical : 1,800 operations/hr				
DIELECTRIC STRENGTH	1. Coil to coil (when isolated) : 100VAC , 50/60 Hz for 1 minute 2. Coil to contact : 2KVAC , 50/60 Hz for 1 minute 3. Contacts of different polarity : 1KVAC , 50/60 Hz for 1 minute 4. Contacts of same polarity : 1KVAC , 50/60 Hz for 1 minute 5. 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 TERMINATION**	Screw type, for 1.5mm sq. wire				
	CONTACT TERMINATION	Screw type, for 2.5mm sq. wire				
MOUNTING	35 mm DIN rail					

ORDERING INFORMATION

AS371 - 24V - N - S - OM

NO. OF RELAYS	DESIGN NO.	COIL VOLTAGE	COIL LOOPING	RELAY SOCKET	RELAY MAKE	DIMENSIONS W x H x D (mm)	WEIGHT (MAX)
1	AS371	12V : 12VDC 24V : 24VDC	N : -Ve LOOPING P : +Ve LOOPING	S : WITH SOCKET : SOLDERED	OM : OMRON G2R : OEN 58DP	24 x 80 x 70	70 grams
2	AS372					46 x 80 x 70	110 grams
4	AS373					68 x 80 x 70	200 grams
8	AS375					137 x 80 x 70	360 grams
12	AS376					204 x 80 x 70	550 grams
16	AS377					295 x 80 x 70	750 grams

Note: 1. Current including LED current.