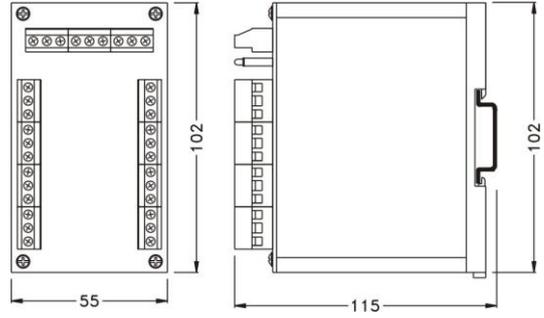
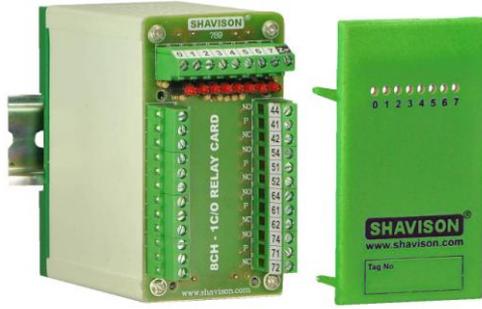
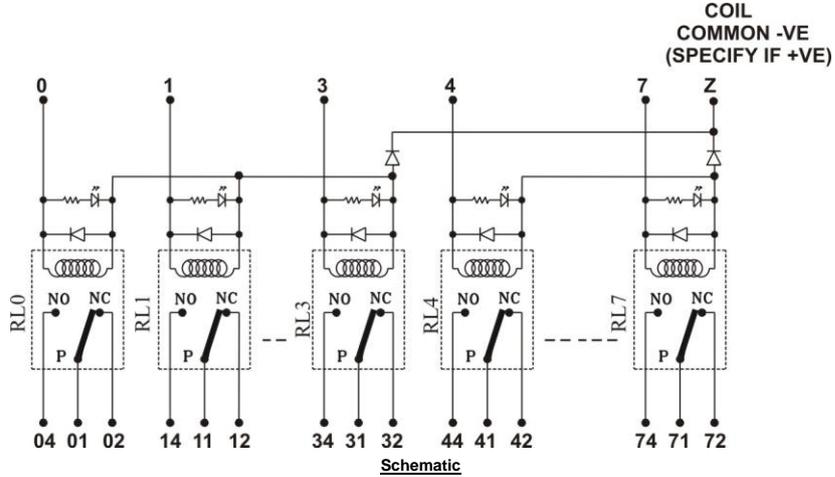


# 1 C/O RELAY INTERFACE MODULES

## 1 C/O 8 Channels Space Saver Module

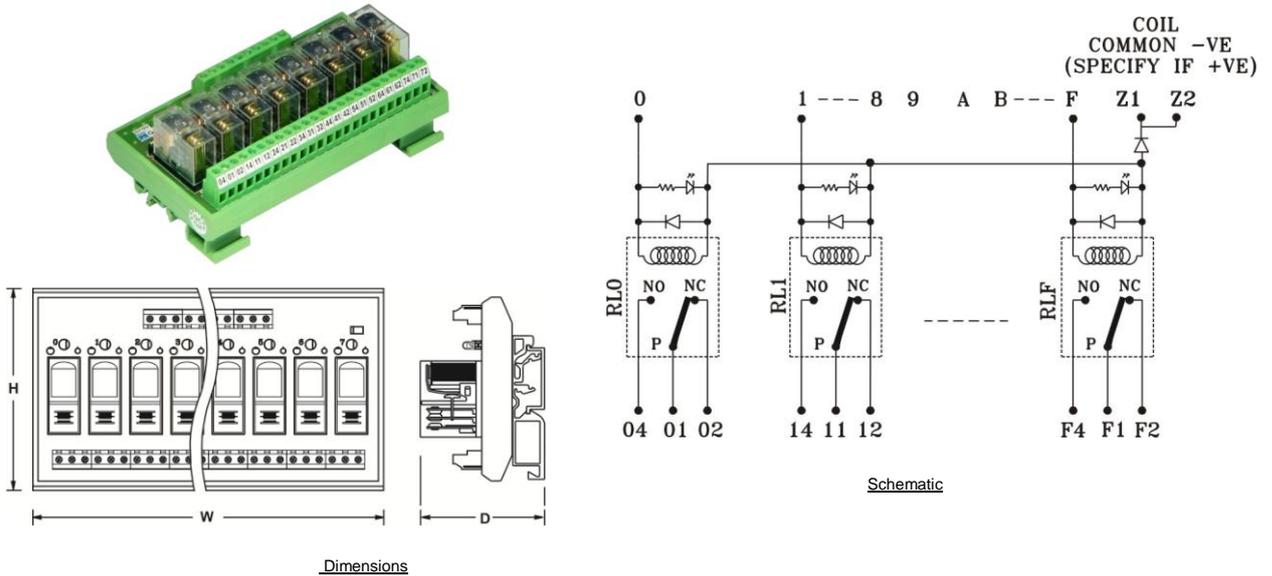


Dimensions (in mm)



<b>FEATURES</b>	LED & Free wheeling diode across coil. Reverse Polarity blocking diode.					
<b>CONTACT CONFIGURATION</b>	1C/O					
<b>NO. OF CHANNELS</b>	8					
<b>RELAY</b>	<b>NOMINAL COIL VOLTAGE</b>	24VDC				
	<b>MUST OPERATE VOLTAGE</b>	20.3VDC				
	<b>MUST RELEASE VOLTAGE</b>	5.9VDC				
	<b>MAX. COIL VOLTAGE</b>	26.4VDC				
	<b>COIL CURRENT PER CHANNEL <sup>(1)</sup></b>	25mA				
	<b>OPERATE (SET) TIME</b>	15 ms max.				
	<b>RELEASE (RESET) TIME</b>	20 ms max.				
	<b>ENDURANCE</b>	Electrical : 100,000 operations min. (at 1,800 operations/hr)				
	<b>MAX. OPERATING FREQUENCY</b>	Mechanical : 18,000 operations/hr Electrical : 1,800 operations/hr				
<b>DIELECTRIC STRENGTH</b>	1. Coil to coil (when isolated) : 100VAC , 50/60 Hz for 1 minute 2. Coil to contact : 1.5KVAC , 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					
<b>CONTACT RATING</b>	<b>RELAY</b>	10A@28VDC/230VAC				
	<b>ON BOARD</b>	5A@28VDC/230VAC				
<b>OPERATING AMBIENT</b>	0~55°C, 85% RH					
<b>STORAGE AMBIENT</b>	-20°C to 85°C					
<b>TERMINATIONS</b>	<b>COIL TERMINATION</b>	Screw type, for 2.5mm sq. wire				
	<b>CONTACT TERMINATION</b>	Screw type, for 2.5mm sq. wire				
<b>MOUNTING</b>	35 mm DIN rail					
<b>ORDERING INFORMATION</b>	<b>AS789 - 24V - N - OE</b>					
	<b>NO. OF RELAYS</b>	<b>DESIGN NO.</b>	<b>COIL VOLTAGE</b>	<b>COIL LOOPING</b>	<b>RELAY MAKE</b>	<b>DIMENSIONS W x H x D (mm)</b>
	8	AS789	24V : 24VDC	N : -Ve LOOPING P : +Ve LOOPING	OE : OEN 58DP	55 x 115 x 102
Note : 1. Current including LED current.						

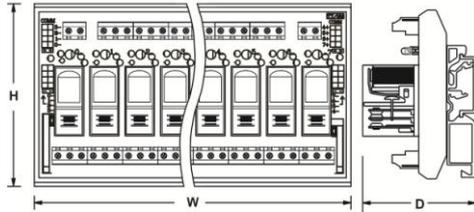
## 1 C/O Modules With Looped Coils



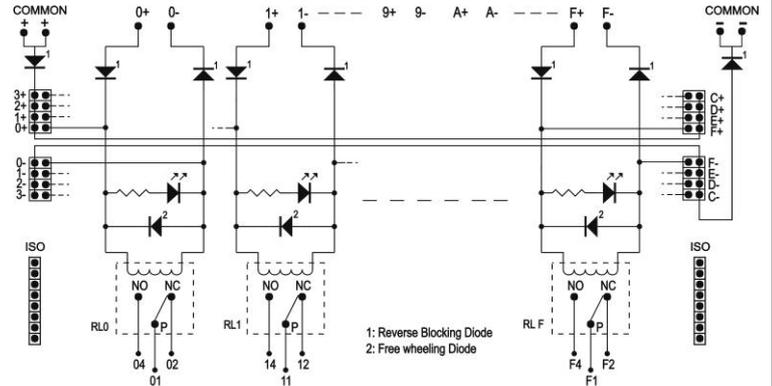
<b>FEATURES</b>	LED & Free wheeling diode across coil Reverse Polarity blocking diode							
<b>CONTACT CONFIGURATION</b>	1C/O							
<b>NO. OF CHANNELS</b>	1, 2, 4, 8, 12, 16							
<b>RELAY</b>	<b>NOMINAL COIL VOLTAGE</b>	5VDC	6VDC	12VDC	24VDC	48VDC		
	<b>MUST OPERATE VOLTAGE</b>	4.7VDC	5.5VDC	10.3VDC	20.3VDC	39.1VDC		
	<b>MUST RELEASE VOLTAGE</b>	1.7VDC	1.9VDC	3.1VDC	5.9VDC	10.3VDC		
	<b>MAX. COIL VOLTAGE</b>	5.5VDC	6.6VDC	13.2 VDC	26.4VDC	52.8VDC		
	<b>COIL CURRENT PER CHANNEL <sup>(1)</sup></b>	110mA	95mA	50mA	25mA	15mA		
	<b>OPERATE (SET) TIME</b>	15 ms max.						
	<b>RELEASE (RESET) TIME</b>	20 ms max.						
	<b>ENDURANCE</b>	Electrical : 100,000 operations min. (at 1,800 operations/hr)						
<b>DIELECTRIC STRENGTH</b>	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 same polarity : 1KVAC , 50/60 Hz for 1 minute							
	4. Contacts - channel to channel : 1.5KVDC, 50/60 Hz for 1 minute							
<b>CONTACT RATING</b>	<b>RELAY</b>	10A@28VDC/230VAC						
	<b>ON BOARD</b>	5A@28VDC/230VAC						
<b>OPERATING AMBIENT</b>	0~55°C, 85% RH							
<b>STORAGE AMBIENT</b>	-20°C to 85°C							
<b>TERMINATIONS</b>	<b>COIL TERMINATION</b>	Screw type, for 2.5mm sq. wire						
	<b>CONTACT TERMINATION</b>	Screw type, for 2.5mm sq. wire						
<b>MOUNTING</b>	35 mm DIN rail							
<b>ORDERING INFORMATION</b>	<b>AS351 - 24V - N - S - OE</b>							
	<b>NO. OF RELAYS</b>	<b>DESIGN NO.</b>	<b>COIL VOLTAGE</b>	<b>COIL LOOPING</b>	<b>RELAY SOCKET</b>	<b>RELAY MAKE</b>	<b>DIMENSIONS W x H x D (mm)</b>	<b>WEIGHT (MAX)</b>
	1	AS351	12V : 12VDC 24V : 24VDC	N : -Ve LOOPING P : +Ve LOOPING	S : WITH SOCKET : SOLDERED	OE : OEN 58DP OL : OMRON G2RL	24 x 80 x 70	65 grams
	2	AS352					46 x 80 x 70	100 grams
	4	AS353					68 x 80 x 70	190 grams
	8	AS355					137 x 80 x 70	330 grams
	12	AS356					204 x 80 x 70	500 grams
16	AS357	295 x 80 x 70					700 grams	

Note : 1. Current including LED current.

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



Dimensions



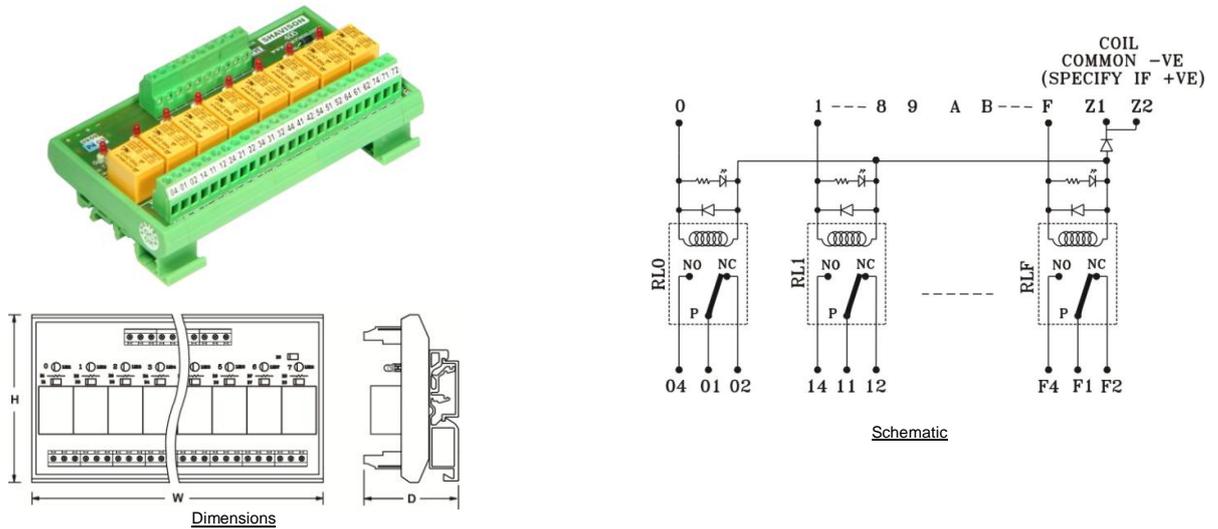
For Negative looping of coils place jumpers at 0-, 1-, 2-, ..., F-.  
For Positive looping of coils place jumpers at 0+, 1+, 2+, ..., F+.  
For isolated coils place jumpers at ISO (default).

schematic

<b>FEATURES</b>	LED & Free wheeling diode across coil Jumpers for Coil Looping Reverse Polarity blocking diode						
<b>CONTACT CONFIGURATION</b>	1C/O						
<b>NO. OF CHANNELS</b>	1, 2, 4, 8, 12, 16						
<b>RELAY</b>	<b>NOMINAL COIL VOLTAGE</b>	5VDC	6VDC	12VDC	24VDC	48VDC	
	<b>MUST OPERATE VOLTAGE</b>	4.7VDC	5.5VDC	11VDC	21VDC	39.8VDC	
	<b>MUST RELEASE VOLTAGE</b>	1.7VDC	1.9VDC	3.8VDC	6.2VDC	11 VDC	
	<b>MAX. COIL VOLTAGE</b>	5.5VDC	6.6VDC	13.2 VDC	26.4VDC	52.8VDC	
	<b>COIL CURRENT PER CHANNEL <sup>(1)</sup></b>	110mA	95mA	50mA	25mA	15mA	
	<b>OPERATE (SET) TIME</b>	15 ms max.					
	<b>RELEASE (RESET) TIME</b>	20 ms max.					
	<b>ENDURANCE</b>	Electrical : 100,000 operations min. (at 1,800 operations/hr)					
	<b>MAX. OPERATING FREQUENCY</b>	Mechanical : 18,000 operations/hr Electrical : 1,800 operations/hr					
<b>DIELECTRIC STRENGTH</b>	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 same polarity : 1KVAC , 50/60 Hz for 1 minute 4. Contacts - channel to channel : 1.5KVC, 50/60 Hz for 1 minute						
<b>CONTACT RATING</b>	<b>RELAY</b>	10A@28VDC/230VAC					
	<b>ON BOARD</b>	5A@28VDC/230VAC					
<b>OPERATING AMBIENT</b>	0-55°C, 85% RH						
<b>STORAGE AMBIENT</b>	-20°C to 85°C						
<b>TERMINATIONS</b>	<b>COIL TERMINATION</b>	Screw type, for 2.5mm sq. wire					
	<b>CONTACT TERMINATION</b>	Screw type, for 2.5mm sq. wire					
<b>MOUNTING</b>	35 mm DIN rail						
<b>ORDERING INFORMATION</b>	<b>AS361 - 24V - S - OE</b>						
	<b>NO. OF RELAYS</b>	<b>DESIGN NO.</b>	<b>COIL VOLTAGE</b>	<b>RELAY SOCKET</b>	<b>RELAY MAKE</b>	<b>DIMENSIONS W x H x D (mm)</b>	<b>WEIGHT (MAX)</b>
	1	AS361	12V : 12VDC 24V : 24VDC	S : WITH SOCKET : SOLDERED	OE : OEN 58DP OL : OMRON G2RL	24 x 80 x 70	70 grams
	2	AS362				46 x 80 x 70	130 grams
	4	AS363				68 x 80 x 70	200 grams
	8	AS365				137 x 80 x 70	350 grams
	12	AS366				204 x 80 x 70	530 grams
	16	AS367				295 x 80 x 70	750 grams

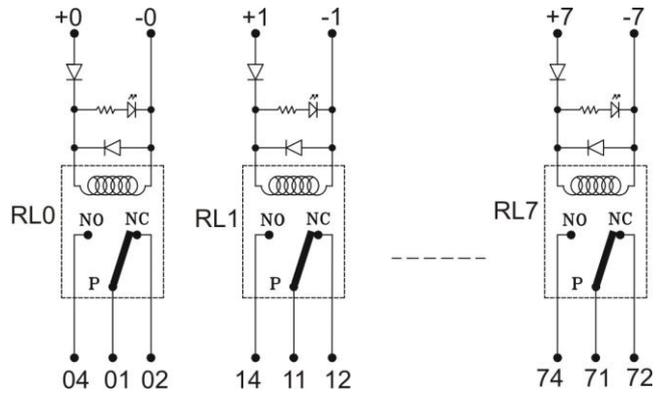
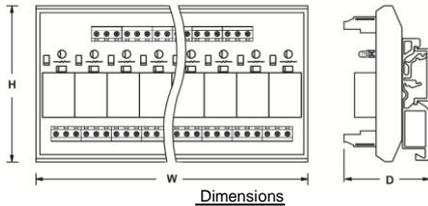
Note : 1. Current including LED current.

## 1 C/O Modules With Looped Coils (Sugar cube Relay)



<b>FEATURES</b>	LED & Free wheeling diode across coil Reverse Polarity blocking diode					
<b>CONTACT CONFIGURATION</b>	1C/O					
<b>NO. OF CHANNELS</b>	1, 2, 4, 8, 12, 16					
<b>RELAY</b>	<b>NOMINAL COIL VOLTAGE</b>	5VDC	6VDC	12VDC	24VDC	48VDC
	<b>MUST OPERATE VOLTAGE</b>	4.7VDC	5.5VDC	10.3VDC	19.9VDC	39.1VDC
	<b>MUST RELEASE VOLTAGE</b>	1.7VDC	1.9VDC	3.1VDC	5.5VDC	10.3VDC
	<b>MAX. COIL VOLTAGE</b>	5.5VDC	6.6VDC	13.2 VDC	26.4VDC	52.8VDC
	<b>COIL CURRENT PER CHANNEL <sup>(1)</sup></b>	110mA	95mA	50mA	25mA	15mA
	<b>OPERATE (SET) TIME</b>	15 ms max.				
	<b>RELEASE (RESET) TIME</b>	20 ms max.				
	<b>ENDURANCE</b>	Electrical : 100,000 operations min. (at 1,800 operations/hr)				
	<b>MAX. OPERATING FREQUENCY</b>	Mechanical : 18,000 operations/hr Electrical : 1,800 operations/hr				
<b>DIELECTRIC STRENGTH</b>	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 same polarity : 1KVAC , 50/60 Hz for 1 minute 4. Contacts - channel to channel : 1.5KVC, 50/60 Hz for 1 minute					
<b>CONTACT RATING</b>	<b>RELAY</b>	10A@24VDC/120VAC, 7A@230VAC				
	<b>ON BOARD</b>	5A@24VDC/230VAC				
<b>OPERATING AMBIENT</b>	0~55°C, 85% RH					
<b>STORAGE AMBIENT</b>	-20°C to 85°C					
<b>TERMINATIONS</b>	<b>COIL TERMINATION</b>	Screw type, for 2.5mm sq. wire				
	<b>CONTACT TERMINATION</b>	Screw type, for 2.5mm sq. wire				
<b>MOUNTING</b>	35 mm DIN rail					
<b>ORDERING INFORMATION</b>	<b>AS401 - 24V - N - SH</b>					
	<b>NO. OF RELAYS</b>	<b>DESIGN NO.</b>	<b>COIL VOLTAGE</b>	<b>COIL LOOPING</b>	<b>RELAY MAKE</b>	<b>DIMENSIONS W x H x D (mm)</b>
	1	AS401	12V : 12VDC 24V : 24VDC	N : -Ve LOOPING P : +Ve LOOPING	SH : SUNHOLD OE : OEN 61DP	24 x 80 x 70
	2	AS402				46 x 80 x 70
	4	AS403				68 x 80 x 70
	8	AS405				137 x 80 x 70
	12	AS406				204 x 80 x 70
	16	AS407				295 x 80 x 70
<p>Note : 1. Current including LED current.</p>						

## 1 C/O Modules With Isolated Coils (Sugar cube Relay)

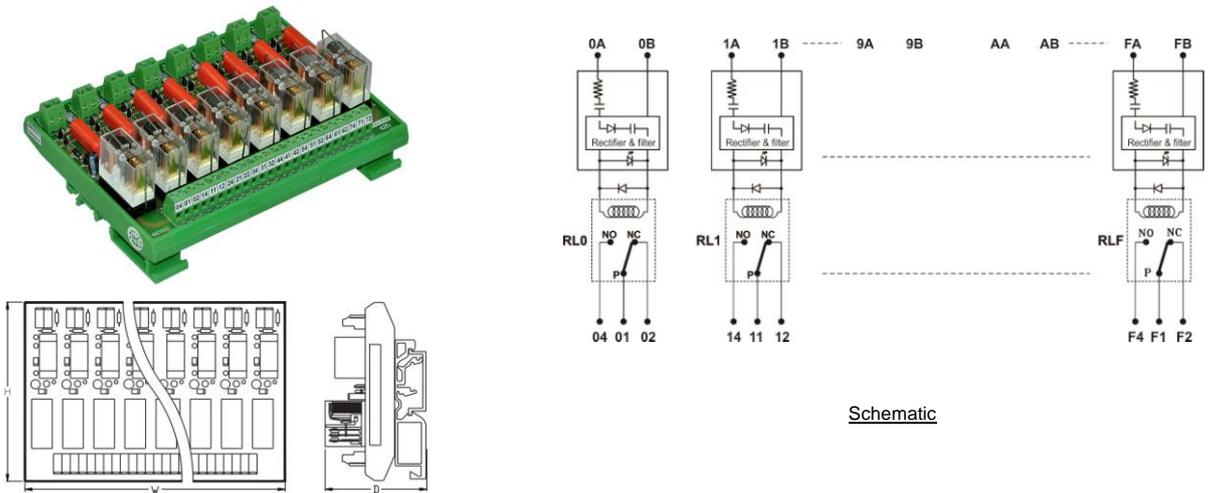


Schematic

<b>FEATURES</b>	LED & Free wheeling diode across coil Reverse Polarity blocking diode					
<b>CONTACT CONFIGURATION</b>	1C/O					
<b>NO. OF CHANNELS</b>	1, 2, 4, 8, 12, 16					
<b>RELAY</b>	<b>NOMINAL COIL VOLTAGE</b>	5VDC	6VDC	12VDC	24VDC	48VDC
	<b>MUST OPERATE VOLTAGE</b>	4.7VDC	5.5VDC	10.3VDC	19.9VDC	39.1VDC
	<b>MUST RELEASE VOLTAGE</b>	1.7VDC	1.9VDC	3.1VDC	5.5VDC	10.3VDC
	<b>MAX. COIL VOLTAGE</b>	5.5VDC	6.6VDC	13.2 VDC	26.4VDC	52.8VDC
	<b>COIL CURRENT PER CHANNEL <sup>(1)</sup></b>	110mA	95mA	50mA	25mA	15mA
	<b>OPERATE (SET) TIME</b>	15 ms max.				
	<b>RELEASE (RESET) TIME</b>	20 ms max.				
	<b>ENDURANCE</b>	Electrical : 100,000 operations min. (at 1,800 operations/hr)				
	<b>MAX. OPERATING FREQUENCY</b>	Mechanical : 18,000 operations/hr Electrical : 1,800 operations/hr				
<b>DIELECTRIC STRENGTH</b>	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 same polarity : 1KVAC , 50/60 Hz for 1 minute 4. Contacts - channel to channel : 1.5KVC, 50/60 Hz for 1 minute					
<b>CONTACT RATING</b>	<b>RELAY</b>	10A@24VDC/120VAC, 7A@230VAC				
	<b>ON BOARD</b>	5A@24VDC/230VAC				
<b>OPERATING AMBIENT</b>	0~55°C, 85% RH					
<b>STORAGE AMBIENT</b>	-20°C to 85°C					
<b>TERMINATIONS</b>	<b>COIL TERMINATION</b>	Screw type, for 2.5mm sq. wire				
	<b>CONTACT TERMINATION</b>	Screw type, for 2.5mm sq. wire				
<b>MOUNTING</b>	35 mm DIN rail					
<b>ORDERING INFORMATION</b>	<b>AS411, -24V, -SH</b>					
	<b>NO. OF RELAYS</b>	<b>DESIGN NO.</b>	<b>COIL VOLTAGE</b>	<b>RELAY MAKE</b>	<b>DIMENSIONS W x H x D (mm)</b>	<b>WEIGHT (MAX)</b>
	1	AS411	12V : 12VDC 24V : 24VDC	SH : SUNHOLD OE : OEN 61DP	24 x 80 x 70	60 grams
	2	AS412			46 x 80 x 70	90 grams
	4	AS413			68 x 80 x 70	150 grams
	8	AS415			137 x 80 x 70	270 grams
	12	AS416			204 x 80 x 70	410 grams
16	AS417	295 x 80 x 70			560 grams	
<b>APPLICATION</b>	1. Interfacing of PLC I/Os to field sensors & actuators. 2. Interlocking Relay Logic.					

Note : 1. Current including LED current.

# 1 C/O Modules With High Voltage Isolated Coils



Dimensions

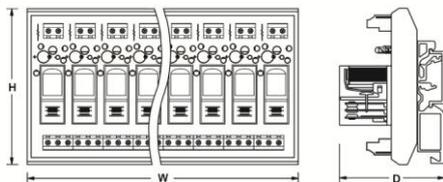
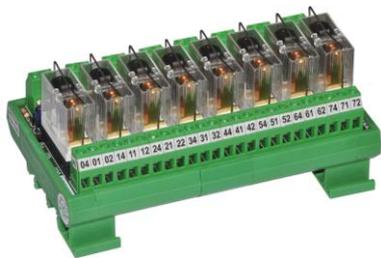
Schematic

<b>FEATURES</b>	LED & Free wheeling diode across coil					
<b>CONTACT CONFIGURATION</b>	1C/O					
<b>NO. OF CHANNELS</b>	1, 2, 4, 6, 8					
<b>RELAY</b>	<b>NOMINAL COIL VOLTAGE<sup>(1)</sup></b>	48VDC	110VDC	110VAC	230VAC	
	<b>MUST OPERATE VOLTAGE</b>	40VDC	90VDC	99VAC	207VAC	
	<b>MUST RELEASE VOLTAGE</b>	10VDC	20VDC	20VAC	45VAC	
	<b>MAX. COIL VOLTAGE</b>	55VDC	130VDC	130VAC	270VAC	
	<b>COIL CURRENT PER CHANNEL<sup>(2)</sup></b>	25mA	25mA	25mA	25mA	
	<b>OPERATE (SET) TIME</b>	15 ms max.				
	<b>RELEASE (RESET) TIME</b>	20 ms max.				
	<b>ENDURANCE</b>	Electrical : 100,000 operations min. (at 1,800 operations/hr)				
<b>MAX. OPERATING FREQUENCY</b>	Mechanical : 18,000 operations/hr Electrical : 1,800 operations/hr					
<b>DIELECTRIC STRENGTH</b>	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 same polarity : 1KVAC , 50/60 Hz for 1 minute 4. Contacts - channel to channel : 1.5KVC, 50/60 Hz for 1 minute					
<b>CONTACT RATING</b>	<b>RELAY</b>	10A@28VDC/230VAC				
	<b>ON BOARD</b>	5A@28VDC/230VAC				
<b>OPERATING AMBIENT</b>	0-55°C, 85% RH					
<b>STORAGE AMBIENT</b>	-20°C to 85°C					
<b>TERMINATIONS</b>	<b>COIL TERMINATION</b>	Screw type, for 2.5mm sq. wire				
	<b>CONTACT TERMINATION</b>	Screw type, for 2.5mm sq. wire				
<b>MOUNTING</b>	35 mm DIN rail					

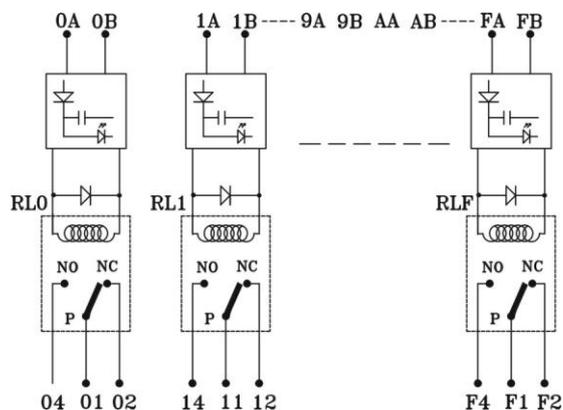
<b>ORDERING INFORMATION</b>	<b>AS421,-230VAC,-S,-OE</b>					
	<b>NO. OF RELAYS</b>	<b>DESIGN NO.</b>	<b>COIL VOLTAGE<sup>(1)</sup></b>	<b>RELAY SOCKET</b>	<b>RELAY MAKE</b>	<b>DIMENSIONS W x H x D (mm)</b>
	1	AS421	<b>DC VOLTAGE</b> 48VDC : 48VDC 110VDC : 110VDC <b>AC VOLTAGE</b> 110VAC : 110VAC 230VAC : 230VAC	S : WITH SOCKET : SOLDERED	OE : OEN 58DP OL : OMRON G2RL	24 x 115 x 70
	2	AS422				46 x 115 x 70
	4	AS423				91 x 115 x 70
	6	AS424				137 x 115 x 70
	8	AS425				159 x 115 x 70
	12	AS426				250 x 115 x 70
16	AS427	315 x 115 x 70				
<b>WEIGHT (MAX)</b>						

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

## 1 C/O Modules With 24VAC Isolated coils



Dimensions

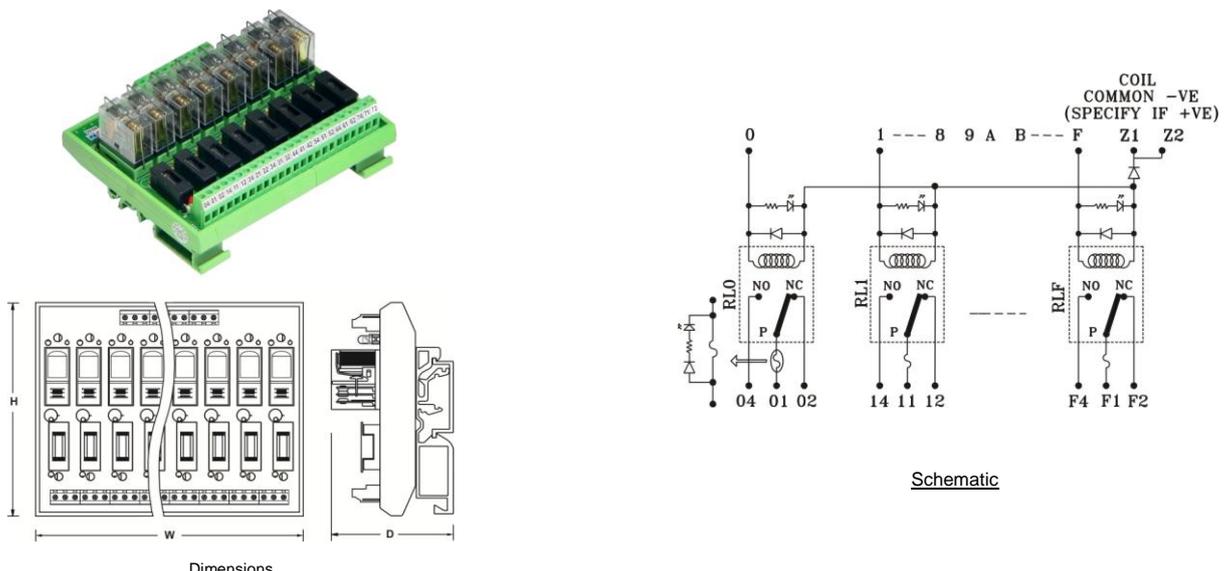


Schematic

<b>FEATURES</b>	LED & Free wheeling diode across coil					
<b>CONTACT CONFIGURATION</b>	1C/O					
<b>NO. OF CHANNELS</b>	1, 2, 4, 6, 8					
<b>RELAY</b>	<b>NOMINAL COIL VOLTAGE<sup>(1)</sup></b>	24VAC				
	<b>MUST OPERATE VOLTAGE</b>	19.2VAC				
	<b>MUST RELEASE VOLTAGE</b>	4.8VAC				
	<b>MAX. COIL VOLTAGE</b>	26.4VAC				
	<b>COIL CURRENT PER CHANNEL<sup>(2)</sup></b>	25mA				
	<b>OPERATE (SET) TIME</b>	15 ms max.				
	<b>RELEASE (RESET) TIME</b>	20 ms max.				
	<b>ENDURANCE</b>	Electrical : 100,000 operations min. (at 1,800 operations/hr)				
	<b>MAX. OPERATING FREQUENCY</b>	Mechanical : 18,000 operations/hr Electrical : 1,800 operations/hr				
<b>DIELECTRIC STRENGTH</b>	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 same polarity : 1KVAC , 50/60 Hz for 1 minute 4. Contacts - channel to channel : 1.5KVAC, 50/60 Hz for 1 minute					
<b>CONTACT RATING</b>	<b>RELAY</b>	10A@28VDC/230VAC				
	<b>ON BOARD</b>	5A@28VDC/230VAC				
<b>OPERATING AMBIENT</b>	0~55°C, 85% RH					
<b>STORAGE AMBIENT</b>	-20°C to 85°C					
<b>TERMINATIONS</b>	<b>COIL TERMINATION</b>	Screw type, for 2.5mm sq. wire				
	<b>CONTACT TERMINATION</b>	Screw type, for 2.5mm sq. wire				
<b>MOUNTING</b>	35 mm DIN rail					
<b>ORDERING INFORMATION</b>	<b>AS621 - 24VAC - S - OE</b>					
	<b>NO. OF RELAYS</b>	<b>DESIGN NO.</b>	<b>COIL VOLTAGE<sup>(1)</sup></b>	<b>RELAY SOCKET</b>	<b>RELAY MAKE</b>	<b>DIMENSIONS W x H x D (mm)</b>
	1	AS621	24VAC : 24VAC	S : WITH SOCKET : SOLDERED	OE : OEN 58DP OL : OMRON G2RL	24 x 80 x 70
	2	AS622				46 x 80 x 70
	4	AS623				91 x 80 x 70
	6	AS624				113 x 80 x 70
	8	AS625				137 x 80 x 70
<b>WEIGHT (MAX)</b>						
70 grams						
120 grams						
200 grams						
280 grams						
350 grams						

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

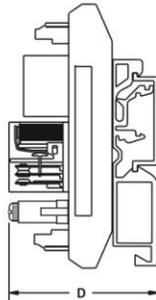
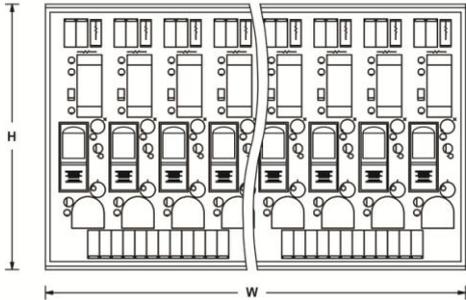
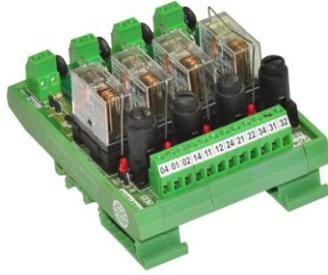
## 1 C/O Modules With Fuse at Poles, Looped coils



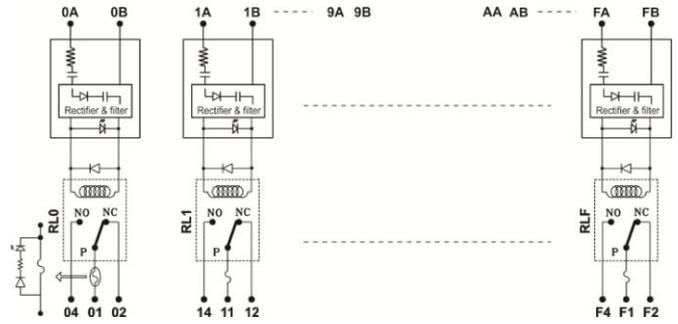
<b>FEATURES</b>	LED & Free wheeling diode across coil Reverse Polarity blocking diode								
<b>CONTACT CONFIGURATION</b>	1C/O								
<b>NO. OF CHANNELS</b>	1, 2, 4, 6, 8, 12, 16								
<b>RELAY</b>	<b>NOMINAL COIL VOLTAGE</b>	5VDC	6VDC	12VDC	24VDC	48VDC			
	<b>MUST OPERATE VOLTAGE</b>	4.7VDC	5.5VDC	10.3VDC	20.3VDC	39.1VDC			
	<b>MUST RELEASE VOLTAGE</b>	1.7VDC	1.9VDC	3.1VDC	5.9VDC	10.3VDC			
	<b>MAX. COIL VOLTAGE</b>	5.5VDC	6.6VDC	13.2 VDC	26.4VDC	52.8VDC			
	<b>COIL CURRENT PER CHANNEL <sup>(1)</sup></b>	110mA	95mA	50mA	25mA	15mA			
	<b>OPERATE (SET) TIME</b>	15 ms max.							
	<b>RELEASE (RESET) TIME</b>	20 ms max.							
	<b>ENDURANCE</b>	Electrical : 100,000 operations min. (at 1,800 operations/hr)							
	<b>MAX. OPERATING FREQUENCY</b>	Mechanical : 18,000 operations/hr Electrical : 1,800 operations/hr							
<b>DIELECTRIC STRENGTH</b>	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 same polarity : 1KVAC , 50/60 Hz for 1 minute 4. Contacts - channel to channel : 1.5KVAC, 50/60 Hz for 1 minute								
<b>CONTACT RATING</b>	<b>RELAY</b>	10A@28VDC/230VAC							
	<b>ON BOARD</b>	5A@28VDC/230VAC							
<b>OPERATING AMBIENT</b>	0-55°C, 85% RH								
<b>STORAGE AMBIENT</b>	-20°C to 85°C								
<b>TERMINATIONS</b>	<b>COIL TERMINATION</b>	Screw type, for 2.5mm sq. wire							
	<b>CONTACT TERMINATION</b>	Screw type, for 2.5mm sq. wire							
<b>MOUNTING</b>	35 mm DIN rail								
<b>ORDERING INFORMATION</b>	<b>AS501 - 24V - N - S - OE - 24VDC-2A</b>								
	<b>NO. OF RELAYS</b>	<b>DESIGN NO.</b>	<b>COIL VOLTAGE</b>	<b>COIL LOOPING</b>	<b>RELAY SOCKET</b>	<b>RELAY MAKE</b>	<b>CONTACT RATING</b>	<b>DIMENSIONS W x H x D (mm)</b>	<b>WEIGHT (MAX)</b>
	1	AS501	12V : 12VDC 24V : 24VDC	N : -Ve P : +Ve	S : WITH SOCKET : SOLDERED	OE : OEN 58DP OL : OMRON G2RL	24VDC: 2A 24VDC : 5A 230VAC : 2A 230VAC : 5A	24 x 115 x 70	80 grams
	2	AS502						46 x 115 x 70	120 grams
	4	AS503						68 x 115 x 70	230 grams
	6	AS504						113 x 115 x 70	320 grams
	8	AS505						137 x 115 x 70	400 grams
	12	AS506						204 x 115 x 70	620 grams
	16	AS507						295 x 115 x 70	830 grams

Note : 1. Current including LED current.

## 1 C/O Modules With High voltage isolated coils and Fuse at Poles



Dimensions



Schematic

<b>FEATURES</b>	LED across coil Fuse at pole & fuse fail indication				
<b>CONTACT CONFIGURATION</b>	1C/O				
<b>NO. OF CHANNELS</b>	1, 2, 4, 6, 8, 12, 16				
<b>RELAY</b>	<b>NOMINAL COIL VOLTAGE</b>	48VDC	110VDC	110VAC	230VAC
	<b>MUST OPERATE VOLTAGE</b>	40VDC	90VDC	99VAC	207VAC
	<b>MUST RELEASE VOLTAGE</b>	10VDC	20VDC	20VAC	45VAC
	<b>MAX. COIL VOLTAGE</b>	55VDC	130VDC	130VAC	270VAC
	<b>COIL CURRENT PER CHANNEL <sup>(1)</sup></b>	25mA	25mA	25mA	25mA
	<b>OPERATE (SET) TIME</b>	15ms max.			
	<b>RELEASE (RESET) TIME</b>	20ms max.			
	<b>ENDURANCE</b>	Electrical: 100,000 operations min. (at 1,800 operations/hr)			
<b>DIELECTRIC STRENGTH</b>	1. Coil to coil (when isolated): 1.5KVC, 50/60 Hz for 1 minute				
	2. Coil to contact: 2KVAC, 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				
<b>CONTACT RATING</b>	<b>RELAY</b>	10A@28VDC/230VAC			
	<b>ON BOARD</b>	5A@28VDC/230VAC			
<b>OPERATING AMBIENT</b>	0-55°C, 85% RH				
<b>STORAGE AMBIENT</b>	-20°C to 85°C				
<b>TERMINATIONS</b>	<b>COIL TERMINATION</b>	Screw type, for 2.5mm sq. wire			
	<b>CONTACT TERMINATION</b>	Screw type, for 2.5mm sq. wire			
<b>MOUNTING</b>	35 mm DIN rail				

<b>ORDERING INFORMATION</b>	<b>AS801 - 110VAC - S - OE - 230VAC - 2A</b>							
	<b>NO. OF RELAYS</b>	<b>DESIGN NO.</b>	<b>COIL VOLTAGE</b>	<b>RELAY SOCKET</b>	<b>RELAY MAKE</b>	<b>CONTACT RATING</b>	<b>DIMENSIONS W x H x D (mm)</b>	<b>WEIGHT (MAX)</b>
	1	AS801	<b>DC VOLTAGE</b> 48VDC: 48VDC 110VDC: 110VDC	S : WITH SOCKET : SOLDERED	OE : OEN 58DP OL : OMRON G2RL	24VDC: 2A 24VDC: 5A 230VAC: 2A 230VAC: 5A	20 X 108 X 70	70 grams
	2	AS802					42.5 X 108 X 70	140 grams
	4	AS803	87.5 X 108 X 70				280 grams	
	6	AS804	Consult us					
	8	AS805	177.5 X 108 X 70				550 grams	
	12	AS806	Consult us					
16	AS807	Consult us						

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