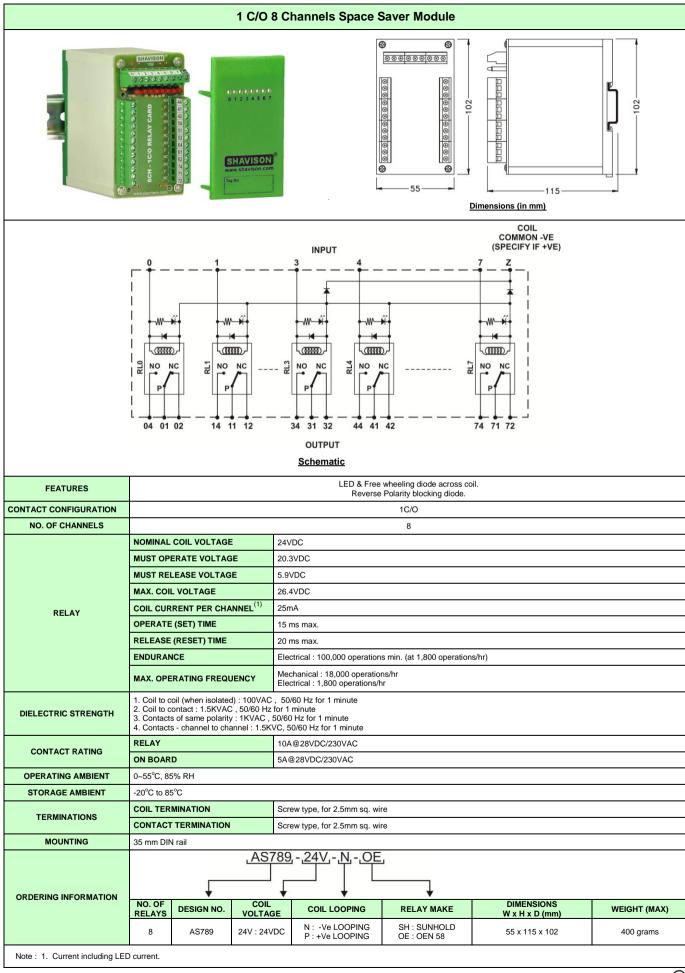
1 C/O RELAY INTERFACE MODULES



Plot No. W-32 (D), Additional Ambernath MIDC, Near MIDC office, Ambernath (E) - 421506, MH, India. Boardlines: +91-251-2620417, 2620427, +91-9820362980 Email: shavison@shavison.com www.shavison.com

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FEATURES	LED & Free wheeling diode across coil Reverse Polarity blocking diode										
CONTACT CONFIGURATION	1C/O										
NO. OF CHANNELS	1,2, 4, 8, 12, 16										
	NOMINAL	COIL VOLTAGE			5VDC	6VDC	12VDC	24VDC	48VDC		
	MUST OP	IUST OPERATE VOLTAGE			4.7VDC	5.5VDC	10.3VDC	20.3VDC	39.1VDC		
	MUST REI	MUST RELEASE VOLTAGE			1.7VDC	1.9VDC	3.1VDC	5.9VDC	10.3VDC		
	MAX. COI	L VOLTAGE			5.5VDC	6.6VDC	13.2 VDC	26.4VDC	52.8VDC		
RELAY	COIL CUR	RENT PER CHA	NNEL ⁽¹⁾		110mA	95mA	50mA	25mA	15mA		
	OPERATE	(SET) TIME		15 n	ns max.						
	RELEASE	(RESET) TIME		20 n	ns max.						
	ENDURANCE			Elec	etrical: 100,000 opera	tions min. (at 1,800 ope	erations/hr)				
	MAX. OPE	MAX. OPERATING FREQUENCY			Mechanical : 18,000 operations/hr Electrical : 1,800 operations/hr						
DIELECTRIC STRENGTH	2. Coil to c 3. Contact:	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									
CONTACT DATING	RELAY			10A@28VDC/230VAC							
CONTACT RATING	ON BOARD			5A@28VDC/230VAC							
OPERATING AMBIENT	0~55°C, 85	0~55°C, 85% RH									
STORAGE AMBIENT	-20°C to 85	5°C									
TERMINATIONS	COIL TERMINATION			Screw type, for 2.5mm sq. wire							
TERMINATIONS	CONTACT TERMINATION			Screw type, for 2.5mm sq. wire							
MOUNTING	35 mm DIN	35 mm DIN rail									
		↓	AS35	124VNSOE.							
	NO. OF RELAYS	DESIGN NO.	COIL VOLTAG	E	COIL LOOPING	RELAY SOCKET	RELAY MAKE	DIMENSIONS W x H x D (mm)	WEIGHT (MAX)		
ORDERING INFORMATION	1	AS351	12V : 12VDC 24V : 24VDC			S: WITH SOCKET: SOLDERED	OE : OEN 58 OL : OMRON G2RL	24 x 80 x 70	65 grams		
ONDERING IN ON MATION	2	AS352						46 x 80 x 70	100 grams		
	4	AS353			N : -Ve LOOPING			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.

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Peripherals for Industrial Automation

Date: 14th Jun 2024

1 C/O Modules With Jumpers for Coil Looping & Reverse Blocking Diodes (MMM) amm, amm, 3L0 RLF NO NC RL1 NO NC NO NC 04 01 02 14 11 12 F4 F1 F2 OUTPUT Schematic Note: Default jumper setting is isolated. For Negative looping of coils place jumpers at 0-, 1-, 2-, ..., F Dimensions

For Positive looping of coils place jumpers at 0+, 1+, 2+, ..., F+. For Isolated coils place jumpers at ISO. LED & Free wheeling diode across coil Jumpers for Coil Looping FFATURES Reverse Polarity blocking diode CONTACT CONFIGURATION 1C/O NO. OF CHANNELS 1, 2, 4, 8, 12, 16 NOMINAL COIL VOLTAGE 5VDC 6VDC 12VDC 24VDC 48VDC MUST OPERATE VOLTAGE 4.7VDC 5.5VDC 11VDC 21VDC 39.8VDC MUST RELEASE VOLTAGE 1.7VDC 1.9VDC 3.8VDC 6.2VDC 11 VDC MAX. COIL VOLTAGE 5.5VDC 6 6VDC 13.2 VDC 26 4VDC 52 8VDC COIL CURRENT PER CHANNEL (1) 110mA 95mA 50mA 25mA RELAY OPERATE (SET) TIME 15 ms max RELEASE (RESET) TIME 20 ms max ENDURANCE Electrical: 100,000 operations min. (at 1,800 operations/hr) Mechanical: 18,000 operations/hr Electrical: 1,800 operations/hr MAX. OPERATING FREQUENCY 1. Coil to coil (when isolated): 100VAC . 50/60 Hz for 1 minute 2. Coil to contact : 2KVAC , 50/60 Hz for 1 minute DIELECTRIC STRENGTH 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 RFI AY 10A@28VDC/230VAC CONTACT RATING ON BOARD 5A@28VDC/230VAC OPERATING AMBIENT 0~55°C, 85% RH STORAGE AMBIENT -20°C to 85°C COIL TERMINATION Screw type, for 2.5mm sq. wire **TERMINATIONS** CONTACT TERMINATION Screw type, for 2.5mm sq. wire MOUNTING 35 mm DIN rail DIMENSIONS NO. O DESIGN NO. COIL VOLTAGE RFI AY MAKE WEIGHT (MAX)

RELAY SOCKET RELAYS WxHxD(mm) AS361 24 x 80 x 70 70 grams ORDERING INFORMATION AS362 46 x 80 x 70 130 grams 2 AS363 68 x 80 x 70 200 grams 4 12V : 12VDC 24V : 24VDC : WITH SOCKET OE: OEN 58 OL: OMRON G2RL SOLDERED AS365 137 x 80 x 70 350 grams 8 12 AS366 204 x 80 x 70 530 grams AS367 295 x 80 x 70 750 grams

Note: 1. Current including LED current.

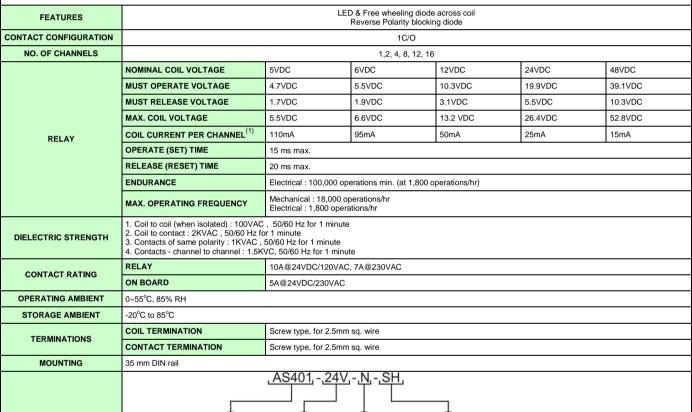
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Peripherals for Industrial Automation

Date: 14th Jun 2024

1 C/O Modules With Looped Coils (Sugar cube Relay) COIL COMMON -VE (SPECIFY IF +VE) INPUT W--W amm NO NO RLF NO 04 01 02 14 11 12 F4 F1 F2 OUTPUT Schematic



		_			—		
ORDERING INFORMATION	NO. OF RELAYS	DESIGN NO.	COIL VOLTAGE	COIL LOOPING	RELAY MAKE	DIMENSIONS W x H x D (mm)	WEIGHT (MAX)
	1	AS401	12V : 12VDC 24V : 24VDC		SH: SUNHOLD OE: OEN 65 GS: GOODSKY HF: HONGFA	24 x 80 x 70	60 grams
	2	AS402		N: -Ve LOOPING P:+Ve LOOPING		46 x 80 x 70	90 grams
	4	AS403				68 x 80 x 70	150 grams
	8	AS405				137 x 80 x 70	270 grams
	12	AS406				204 x 80 x 70	410 grams
	16	AS407				295 x 80 x 70	560 grams

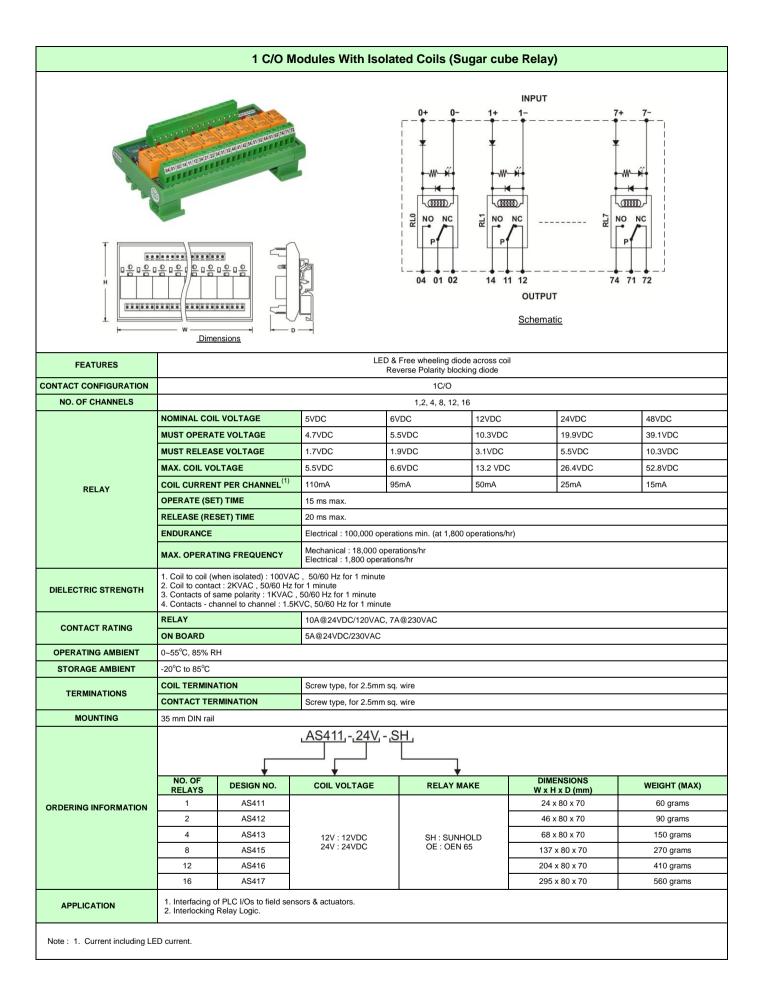
Note: 1. Current including LED current.

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Date: 14th Jun 2024 Doc No: 11200.pdf

Dimensions

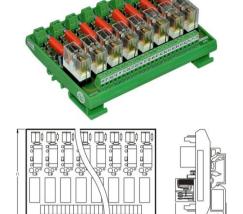


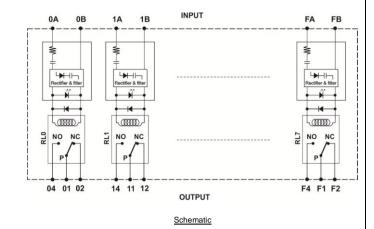
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n Date: 14th Jun 2024 Doc No: 11200.pdf

1 C/O Modules With High Voltage Isolated Coils





Dimensions

FEATURES	LED & Free wheeling diode across coil									
CONTACT CONFIGURATION	1C/O									
NO. OF CHANNELS	1, 2, 4, 6, 8									
	NOMINAL COIL VOLTAGE ⁽¹⁾			48VDC		110VD	C 110V	AC	230VAC	
	MUST OPI	MUST OPERATE VOLTAGE		40VDC		90VD	99VA	vC	207VAC	
	MUST RELEASE VOLTAGE			10VDC		20VD0	20VA	vC	45VAC	
	MAX. COIL VOLTAGE			55VDC		130VD	C 130V	AC	270VAC	
RELAY	COIL CUR	RENT PER CHANN	IEL ⁽²⁾	25mA		25m/	A 25n	nA	25mA	
	OPERATE (SET) TIME			15 ms max.			•	•		
	RELEASE	(RESET) TIME		20 ms max.						
	ENDURANCE			Electrical: 100,000 operations min. (at 1,800 operations/hr)						
	MAX. OPE	RATING FREQUEN	ICY	Mechanical : 18,000 operations/hr Electrical : 1,800 operations/hr						
DIELECTRIC STRENGTH	2. Coil to c 3. Contacts	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								
	RELAY			10A@28VDC/230VAC						
CONTACT RATING	ON BOARD			5A@28VDC/230VAC						
OPERATING AMBIENT	0~55°C, 85	5% RH								
STORAGE AMBIENT	-20°C to 85	5°C								
	COIL TERMINATION Screw type, for 2.5mm sq. wire									
TERMINATIONS	CONTACT TERMINATION			Screw type, for 2.5mm sq. wire						
MOUNTING	35 mm DIN	l rail								
			AS42	21,-,230VAC	CSOF	Ξ				
		\		+	+		\			
	NO. OF RELAYS	DESIGN NO.	COII	L VOLTAGE ⁽¹⁾	RELAY S	OCKET	RELAY MAKE	DIMENSIONS W x H x D (mm)	WEIGHT (MA	
ORDERING INFORMATION	1	AS421						24 x 115 x 70	90 grams	
	2	AS422		CVOLTACE				46 x 115 x 70	140 grams	
	4	AS423	48\	C VOLTAGE VDC : 48VDC				91 x 115 x 70	250 grams	
	6	AS424		VDC : 110VDC C VOLTAGE	S : WITH : SOLD		OE : OEN 58 OL : OMRON G2RL	137 x 115 x 70	350 grams	
	8	AS425	110	VAC : 110VAC VAC : 230VAC	. SSESERE		OE : OWNCON GENE	159 x 115 x 70	500 grams	
	12	AS426	230	VAC : 230VAC				250 x 115 x 70	750 grams	

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

AS426

12

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250 x 115 x 70

315 x 115 x 70

750 grams

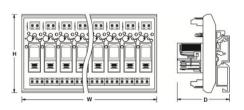
1000 grams

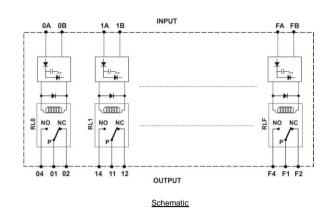
Peripherals for Industrial Automation

Date: 14th Jun 2024

1 C/O Modules With 24VAC Isolated coils







Dimensions

FEATURES	LED & Free wheeling diode across coil					
CONTACT CONFIGURATION	1C/O					
NO. OF CHANNELS	1, 2, 4, 6, 8					
	NOMINAL COIL VOLTAGE ⁽¹⁾	24VAC				
	MUST OPERATE VOLTAGE	19.2VAC				
	MUST RELEASE VOLTAGE	4.8VAC				
	MAX. COIL VOLTAGE	26.4VAC				
RELAY	COIL CURRENT PER CHANNEL (2)	25mA				
	OPERATE (SET) TIME	15 ms max.				
	RELEASE (RESET) TIME	20 ms 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				
	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					
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 TERMINATION	Screw type, for 2.5mm sq. wire				
	CONTACT TERMINATION	Screw type, for 2.5mm sq. wire				
MOUNTING	35 mm DIN rail					

	,AS621,-,24VAC,-,S,-,OE,								
ORDERING INFORMATION	NO. OF RELAYS	DESIGN NO.	COIL VOLTAGE ⁽¹⁾	RELAY SOCKET	RELAY MAKE	DIMENSIONS W x H x D (mm)	WEIGHT (MAX)		
	1	AS621	24VAC : 24VAC		OE : OEN 58 OL : OMRON G2RL	24 x 80 x 70	70 grams		
	2	AS622		S:WITH SOCKET:SOLDERED		46 x 80 x 70	120 grams		
	4	AS623				91 x 80 x 70	200 grams		
	6	AS624				113 x 80 x 70	280 grams		
	8	AS625				137 x 80 x 70	350 grams		

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

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Peripherals for Industrial Automation

Date: 14th Jun 2024

1 C/O Modules With Fuse at Poles, Looped coils COIL COMMON -VE (SPECIFY IF +VE) INPUT (88888) .0000 COMO , NO NO RL1 14 11 12 OUTPUT Schematic Dimensions LED & Free wheeling diode across coil Reverse Polarity blocking diode **FEATURES** CONTACT CONFIGURATION 1C/O NO. OF CHANNELS 1, 2, 4, 6, 8, 12, 16 NOMINAL COIL VOLTAGE 5VDC 6VDC 12VDC 24VDC 48VDC MUST OPERATE VOLTAGE 5.5VDC 20.3VDC 4.7VDC 10.3VDC 39.1VDC MUST RELEASE VOLTAGE 1.7VDC 1.9VDC 3.1VDC 5.9VDC 10.3VDC MAX. COIL VOLTAGE 5.5VDC 6.6VDC 26.4VDC 52.8VDC 13.2 VDC COIL CURRENT PER CHANNEL⁽¹⁾ 110mA 95mA 50mA 25mA 15mA RELAY OPERATE (SET) TIME 15 ms max. RELEASE (RESET) TIME 20 ms max **ENDURANCE** Electrical: 100,000 operations min. (at 1,800 operations/hr) Mechanical : 18,000 operations/hr Electrical : 1,800 operations/hr MAX. OPERATING FREQUENCY 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 DIELECTRIC STRENGTH 10A@28VDC/230VAC CONTACT RATING ON BOARD 5A@28VDC/230VAC **OPERATING AMBIENT** 0~55°C, 85% RH STORAGE AMBIENT -20°C to 85°C COIL TERMINATION Screw type, for 2.5mm sq. wire **TERMINATIONS** CONTACT TERMINATION Screw type, for 2.5mm sq. wire MOUNTING 35 mm DIN rail AS501, -,24VDC-2A, N. NO. OF DESIGN COIL VOLTAGE COIL CONTACT DIMENSIONS WEIGHT **RELAY SOCKET** RELAY MAKE WxHxD(mm) NO. AS501 24 x 115 x 70 80 grams ORDERING INFORMATION AS502 2 46 x 115 x 70 120 grams 24VDC: 2A 24VDC : 5A AS503 4 68 x 115 x 70 230 grams S: WITH SOCKET OE : OEN 58 12V: 12VDC N:-Ve P:+Ve 6 AS504 113 x 115 x 70 320 grams 230VAC : 2A 230VAC : 5A 24V : 24VDC SOLDERED OL : OMRON G2RL 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.

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1 C/O Modules With High voltage isolated coils and Fuse at Poles INPUT 0A 0B 1A 1B FA FB 4 4 4 Ñ amo, .0000 amm, NO RL7 NO RL1 NO 04 01 02 F4 F1 F2 14 11 12 OUTPUT Schematic Dimensions LED across coil **FEATURES** Fuse at pole & fuse fail indication CONTACT CONFIGURATION 1C/O NO. OF CHANNELS 1, 2, 4, 6, 8, 12, 16 NOMINAL COIL VOLTAGE 48VDC 110VDC 110VAC 230VAC MUST OPERATE VOLTAGE 40VDC 90VDC 99VAC 207VAC MUST RELEASE VOLTAGE 10VDC 20VDC 20VAC 45VAC MAX. COIL VOLTAGE 55VDC 130VDC 130VAC 270VAC COIL CURRENT PER CHANNEL (1) 25mA 25mA 25mA 25mA RELAY OPERATE (SET) TIME 15ms max. RELEASE (RESET) TIME 20ms max. ENDURANCE Electrical: 100,000 operations min. (at 1,800 operations/hr) Mechanical: 18,000 operations/hr Electrical: 1,800 operations/hr MAX. OPERATING FREQUENCY 1. Coil to coil (when isolated): 1.5KVC, 50/60 Hz for 1 minute Coll to contact: 2KVAC, 50/60 Hz for 1 minute Contacts of same polarity: 1KVAC, 50/60 Hz for 1 minute DIELECTRIC STRENGTH Contacts - channel to channel: 1.5KVC, 50/60 Hz for 1 minute RELAY 10A@28VDC/230VAC CONTACT RATING ON BOARD 5A@28VDC/230VAC OPERATING AMBIENT 0~55°C. 85% RH STORAGE AMBIENT -20°C to 85°C COIL TERMINATION Screw type, for 2.5mm sq. wire **TERMINATIONS CONTACT TERMINATION** Screw type, for 2.5mm sq. wire MOUNTING 35 mm DIN rail 230VAC - 2A NO. OF DESIGN DIMENSIONS WEIGHT COIL VOLTAGE RELAY SOCKET RELAY MAKE RELAYS NO. **RATING** WxHxD(mm) (MAX) AS801 20 X 108 X 70 70 grams DC VOLTAGE ORDERING INFORMATION 48VDC: 48VDC 110VDC: 110VDC 2 AS802 42.5 X 108 X 70 140 grams 4 AS803 24VDC: 2A 87.5 X 108 X 70 280 grams 24VDC: 5A 230VAC: 2A S: WITH SOCKET OE: OEN 58 6 AS804 AC VOLTAGE Consult us OL: OMRON G2RL : SOLDERED 24VAC: 24VAC 110VAC: 110VAC 8 AS805 230VAC: 5A 177.5 X 108 X 70 550 grams 12 AS806 230VAC: 230VAC C 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.