

CSR2S-
24UYC



connectwell
THE RIGHT CONNECTION

SLIM RELAY MODULE 2CO 24VAC/VDC

- Compact & thin design
- Variety of Operating Voltages.
- High switching current : up to 8A at 24VDC/250VAC
- low coil power consumption.
- LED Indication on Coil activation.
- No requirement on polarity of input voltage
- Possibility of Jumpering Multiple slim relays together

TECHNICAL DATA

Bussing Possibility	Yes, By using Shorting link
Supply Voltage Indication	Green LED
Ambient Operating Temperature	-40 to +55 °C
Mounting Possibility	DIN 35/DIN 35-15 Rail
Housing Material	PA 6,6 (V0)
Housing Colour	Grey
Rated Input voltage	24 V
Input Polarity Protection	Rectifier

RELAY GENERAL SPECIFICATIONS

Relay Type	Electromechanical Relay
Relay Make / Manufacturer	Omron/G2RL2-DC24
Insulation Resistance	1000 M ohm
Relay Approvals	UL,VDE

RELAY INPUT / COIL SPECIFICATIONS

Nominal Operating Voltage	24 V
Nominal Input Current	19.5/20 mA
Maximum Operating Voltage	26.4VAC/26.4VDC V
Must Operate Voltage	18.5VAC/19VDC V
Must Release Voltage	6VAC/5VDC V
Nominal Input Power	480 W
Input Resistance	1440 Ω (±10%)

RELAY OUTPUT/CONTACT SPECIFICATIONS

Contact Type	2 CO-DPDT
Contact Material	Ag-alloy (Cd free)
Contact Resistance	100 m ohms max
Rated Contact Current (Resistive Load)	8 A
Load Voltage Range	440 VAC, 300 VDC
Maximum Switching Power	2000 VA, 192W

CONNECTION SPECIFICATIONS

Type of Connection	Screw Connection
Min. Wire Size	0.2 mm ²

CONNECTION SPECIFICATIONS

Max. Wire Size	2.5 mm ²
Min. Wire Size(AWG)	24 AWG
Max. Wire Size(AWG)	12 AWG
Wire Stripping Length	10 mm
Torque	0.4 Nm
Torque	4.5 lb-in
Min. Wire Size - Stranded(mm2)	0.2 mm ²
Max. Wire Size - Stranded(mm2)	2.5 mm ²
Min. Wire Size - Stranded(AWG)	24 AWG
Max. Wire Size - Stranded(AWG)	12 AWG
Min. Wire Size - Solid	0.2 mm ²
Max. Wire Size - Solid	2.5 mm ²
Min. Wire Size - Solid(AWG)	24 mm ²
Max. Wire Size - Solid(AWG)	12 mm ²

ORDERING INFORMATION

CAT. NO.	DESCRIPTION	NO. OF CHN.	DIM. DET.	STD. PACK
CSR2S-24UYC	2CO 24 VAC/VDC Slim Relay With Pluggable Relay Rail Mount	1	14 x 94.5 x 101 mm	10

ACCESSORIES

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA701-1M	Din 35 Rail unslotted 1 meter	50
	CA701-2M	Din 35 Rail unslotted 2 meter	50
	CA701-2M-S	Din 35 Rail slotted 2 meter	50
	CA701-1M-S	Din 35 Rail slotted 1 meter	50
	CA701-15-1M	Din 35 Rail 15 deep unslotted 1 meter	50
	CA701-15-1M-S	Din 35 Rail 15 deep slotted 1 meter	50
	CA701-15-2M	Din 35 Rail 15 deep unslotted 2 meter	50
	CA701-15-2M-S	Din 35 Rail 15 deep slotted 2 meter	50
	CA702	End Clamp in Polyamide 66 suitable for Din 32 / Din 35 / Din 35-15 Rails	50

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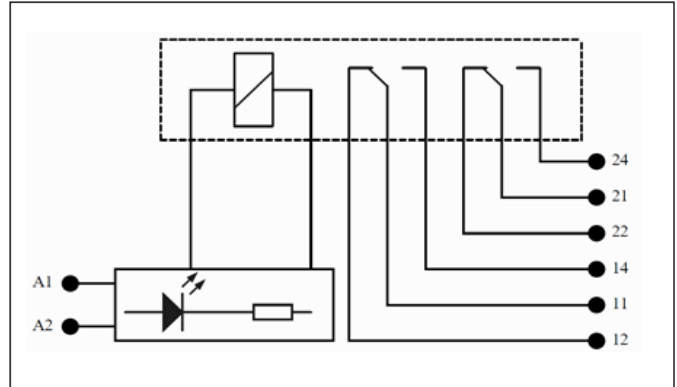


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IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	SCS0.5/3	Electricians Screwdriver for slotted screws	10
	ECAP 35/15	End Cap in Polyamide suitable for Din 35-15 rails	100
	ECAP 35/7.5	End Cap in Polyamide suitable for Din 35/7.5 rails	100
	CA202	End Clamp in Polyamide suitable for Din 35 / Din 35-15 Rails	25
	CA509/K12	Marking Tag Blank suitable for CTS16U / CTS25UN / CGT16N / CDB25 / CMDB25 / CSC16T / CSCG16T / CY16 / CYG16 Terminal Blocks	100
	JX1.5/14/2	2 WAY SHORTING LNK FOR Slim Relay 2CO Coil Side	50
	JX1.5/14/3	3 WAY SHORTING LNK FOR Slim Relay 2CO Coil Side	50
	JX1.5/14/4	4 WAY SHORTING LNK FOR Slim Relay 2CO Coil Side	50
	JX1.5/7/4	4 WAY SHORTING LNK FOR Slim Relay 2CO Contact Side	50
	JX1.5/7/6	6 WAY SHORTING LNK FOR Slim Relay 2CO Contact Side	50
	JX1.5/7/8	8 WAY SHORTING LNK FOR Slim Relay 2CO Contact Side	50

CIRCUIT DIAGRAM



NOTES

Protection Degree:IP20
Pollution Degree:2
Over voltage / Surge voltage category-III
Relay operating time ≤ 15 (msec)
Relay release time ≤ 8(msec)

Dielectric Strength:
1)Between contacts and coil- 5kV AC (50Hz, 1min)
2)Between contact sets- 2.5kV AC(50Hz, 1min)
3)Between open contacts-1kV AC(50Hz, 1min)
4)Between Live parts /DIN rail-2kV AC (50Hz, 1min)

Insulation resistance: 1000M ohm @ 500VDC

Connection wires/ Conductors: 60/75 degC Copper conductor

PRODUCT DRAWING

