

IMSER1/24A48D0.1



Slim SSR Module 24VAC IN 48 VDC OUT 0.1 Amp

- Pitch: 6.2 mm -Variety of Operating Voltages.
- Low Drive Current (20 mA)
- 2500V Dielectric Strength
- LED Status Indicator
- Photo Isolation
- Zero Cross Turn-On (AC Output)
- Bipolar Transistor / MOSFET Output (DC Output)
- TTL and CMOS compatible
- For interface application between PLC and external loads
- DIN Rail mounting
- Easy to replace pluggable SSR
- Relay Socket Protection Degree: IP 20

GENERAL SPECIFICATION

Ambient Operating Temperature	-40 to +70 °C
Bussing Possibility	By comb type shorting links.
Housing Colour	White
Housing Material	PA66 + GF V0 Grade(UL)
Input Polarity Protection	Bridge Rectifier
Mounting Possibility	DIN 35/DIN 35-15 Rail
Supply Voltage Indication	3mm Green LED
Switching device	Solid State Relay

CONNECTION SPECIFICATIONS

Type of Connection	Screw Connection
Max. Wire Size	2.5 mm ²
Wire Stripping Length	7 mm
Torque	0.6 Nm

RELAY GENERAL SPECIFICATIONS

Dielectric Strength	2500 VAC
Insulation Resistance	1000 Mohm at 500VDC
Relay Type	Slim SSR

RELAY INPUT / COIL SPECIFICATIONS

Nominal Operating Voltage	24 VAC
Nominal Input Current	14 mA
Must Operate Voltage	19.2 VAC
Must Release Voltage	10 VAC
Maximum Operating Voltage	28.8 VAC
Maximum Input Current	25 mA

RELAY OUTPUT/CONTACT SPECIFICATIONS

Contact Type	1 NO
Load Current Range	0mA - 100mA
Load Voltage Range	0 VDC - 57.6 VDC
Blocking Voltage	58 VDC
Turn-On Time (0 Cross Turn On)	50 μS
Turn-Off Time	300 μS
Maximum On State Voltage Drop	1.2 VDC

ORDERING INFORMATION

CAT. NO.	DESCRIPTION	NO. OF CHN.	DIM. DET.	STD. PACK
IMSER1/24A48 D0.1	Single Channel 24VAC IN 48VDC OUT 0.1Amp Slim SSR Module with Pluggable Relay Rail Mount	1	6.2 X 88.3 X 70.9	1

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

ACCESSORIES....

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA509/K2	Marking Tag Blank suitable for CDL4U / CDL4U(I,S) / CTL2.5U / CTL2.5UH / CTL2.5UL / CTL2.5HUL / CTL2.5U(I,S) / CTL2.5U(I,S)D2 / CGMT4 / CSFL4U / CSFL4U(L) / CMT4 / CMB4 / ASF4 / ASF4(L) / CTS2.5()	100
	SCS0.5/3	Electricians Screwdriver for slotted screws	10
	IMACC/SER/24D48D.1	SLIM SSR 24VDC IN 48VDC OUT	1
	IMACC/SL1/2	2 Pole Comb Type Shorting Link	1
	IMACC/SL1/4	4 Pole Comb Type Shorting Link	1
	IMACC/SL1/8	8 Pole Comb Type Shorting Link	1
	IMACC/SL1/16	16 Pole Comb Type Shorting Link	1

PRODUCT DRAWING



IMSER1/24D380A2



Slim SSR Module 24VDC IN 380 VAC OUT 2 Amp

- Pitch: 6.2 mm
- Variety of Operating Voltages.
- Low Drive Current (20 mA)
- 2500V Dielectric Strength
- LED Status Indicator
- Photo Isolation
- Zero Cross Turn-On (AC Output)
- Bipolar Transistor / MOSFET Output (DC Output)
- TTL and CMOS compatible
- For interface application between PLC and external loads
- DIN Rail mounting
- Easy to replace pluggable SSR
- Relay Socket Protection Degree: IP 20

GENERAL SPECIFICATION

Ambient Operating Temperature	-40 to +70 °C
Bussing Possibility	By comb type shorting links.
Housing Colour	White
Housing Material	PA66 + GF V0 Grade(UL)
Input Polarity Protection	Bridge Rectifier
Mounting Possibility	DIN 35/DIN 35-15 Rail
Supply Voltage Indication	3mm Green LED
Switching device	Solid State Relay

CONNECTION SPECIFICATIONS

Type of Connection	Screw Connection
Max. Wire Size	2.5 mm ²
Wire Stripping Length	7 mm
Torque	0.6 Nm

RELAY GENERAL SPECIFICATIONS

Dielectric Strength	2500VAC
Insulation Resistance	1000 Mohm at 500VDC
Relay Type	Slim SSR

RELAY INPUT / COIL SPECIFICATIONS

Nominal Operating Voltage	24 VDC
Coil Resistance	3200
Nominal Input Current	14 mA
Must Operate Voltage	19.2 VDC
Must Release Voltage	10 VDC
Maximum Operating Voltage	28.8 VDC
Maximum Input Current	25 mA

RELAY OUTPUT/CONTACT SPECIFICATIONS

Contact Type	1 NO
Load Current Range	0.1A-2A
Load Voltage Range	48 VAC - 440 VAC
Turn-On Time (0 Cross Turn On)	1ms
Turn-Off Time	1/2 cycle + 1ms
Maximum Surge Current	80 A
Maximum Transient Voltage	800 V
Maximum Leakage Current	1 mA
Maximum On State Voltage Drop	1.2 Vrms

ORDERING INFORMATION

CAT. NO.	DESCRIPTION	NO. OF CHN.	DIM. DET.	STD. PACK
IMSER1/24D380A2	Single Channel 24VDC IN 380VDC OUT 2Amp Slim SSR Module with Pluggable Relay Rail Mount	10	6.2 X 88.3 X 70.9	1

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

ACCESSORIES....

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
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	SCS0.5/3	Electricians Screwdriver for slotted screws	10
	IMACC/SER/24D380A2	SLIM SSR 24VDC IN 380VAC OUT	1
	IMACC/SL1/2	2 Pole Comb Type Shorting Link	1
	IMACC/SL1/4	4 Pole Comb Type Shorting Link	1
	IMACC/SL1/8	8 Pole Comb Type Shorting Link	1
	IMACC/SL1/16	16 Pole Comb Type Shorting Link	1

PRODUCT DRAWING



