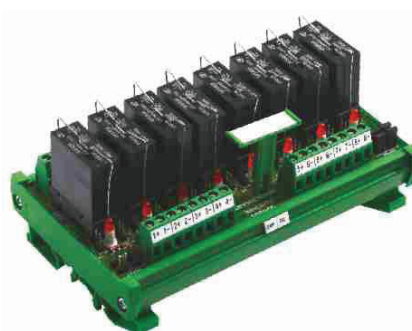


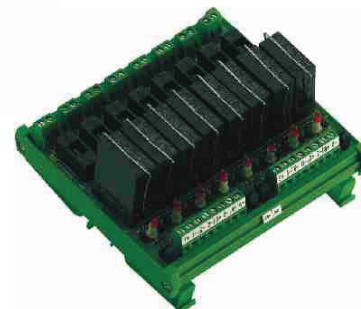
SSR MODULES & SSR MODULES WITH FUSE AT DC INPUT-DC OUTPUT & DC INPUT-AC OUTPUT

FEATURES

- Variety of Operating Voltages.
- Low Drive Current (20 mA)
- 2500V Dielectric Strength
- LED Status Indicator
- Photo Isolation
- Built-In Snubber (AC Output)
- Zero Cross Turn-On (AC Output)
- Bipolar Transistor / MOSFET Output (DC Output)
- Mounting options available :
DIN Rail mounting & Panel mounting.
- Easy to replace pluggable SSR.
- Replaceable fuses with simple to operate Horizontal fuse holders
- Fast Blow & Slow Blow fuses available as standard
- Fuse ratings from 0.1 A to 6.3 A available.



8 CH SSR MODULE

8 CH SSR MODULE
WITH FUSE AT OUTPUT

TECHNICAL INFORMATION

GENERAL DATA

Number of Channels	1	2	4	8	16
SSR Modules					
Width (mm)	88	88	88	88	88
Height (mm)	74	74	74	74	74
Length (mm)	23	45	79	148	289

SSR Modules with Fuse

Width (mm)	120	120	120	120	120
Height (mm)	74	74	74	74	74
Length (mm)	23	39	69	130	219

Channels other than specified are available on request

Positive Bussing Possibility By using spare jumpers.

Negative Bussing Possibility By using spare jumpers.

Power ON Indication 3 mm Red LED

SSR General Data

Dielectric Strength 2500 VAC, 50/60 Hz, 1 min.

Insulation Resistance 1000 M ohms (at 500 VDC)

Maximum Capacitance
(Input to Output) 8 pF

Ambient Temperature (Operation) -20° C ... 50° C

Mounting Types** DIN32 / DIN35 / DIN35-15 ** PANEL

Housing Insulation Material PVC / V0 Grade

Housing Colour Green

CONNECTION DATA

Type of Connection Screw Connection

Wire Connection Possibility 0.5 - 2.5 sq.mm / 30 -14 AWG

Stripping Length 8.3 mm

Torque 4.5 lb-in / 0.5 Nm

SSR INPUT DATA

(Voltages other than specified below are available on request)

Control Voltage Range	5 VDC	12 VDC	24 VDC
Must Operate Voltage	4 VDC	9.6 VDC	19.2 VDC
Must Release Voltage	1 VDC	1 VDC	1 VDC
Max. Reverse Protection	-6 VDC	-14.4 VDC	-28.8 VDC
Max. Input Current	20 mA	20 mA	20 mA

SSR OUTPUT DATA

DC Output

AC Output

Contact Type	1NO (SPST)	1NO (SPST)
Load Voltage Range	3 to 125 VDC	75 to 400 VAC
Load Current Range	0.1 to 2A	0.1 to 3A
Max. Surge Current	10 times of rated current	10 times of rated current
Max. Leakage Current	0.1 mA	1.5 mA
Max. On State Voltage Drop	1.5 VDC	1.5 VAC
Turn-on Time (Zero Cross turn on)	1 ms	1/2 Cycle + 1 ms
Turn-off Time	1 ms	1/2 Cycle + 1 ms
Max. Transient Voltage	125 Vpk	600 Vpk

FUSE HOLDER DATA

Cap Design	Flat
Fuse Link Size	5 x 20 mm
Mounting Style	Horizontal
Rated Current	6.3 A

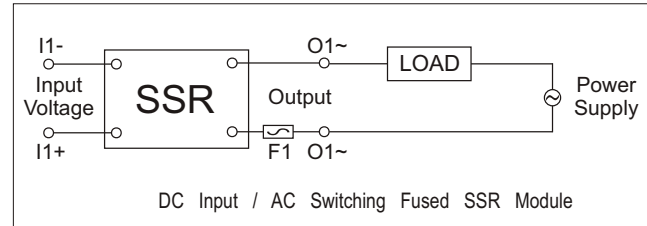
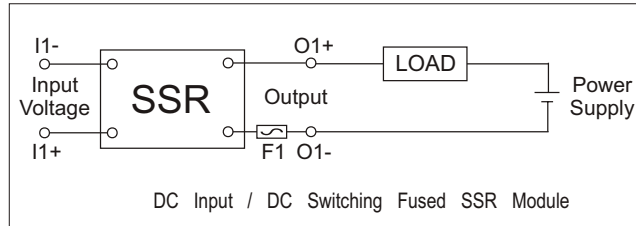
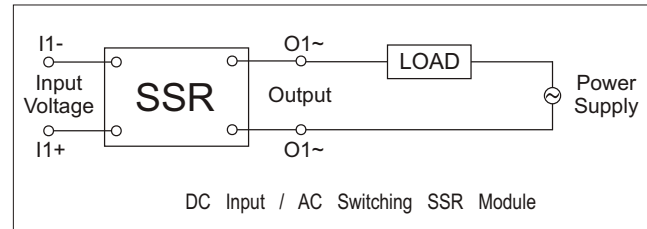
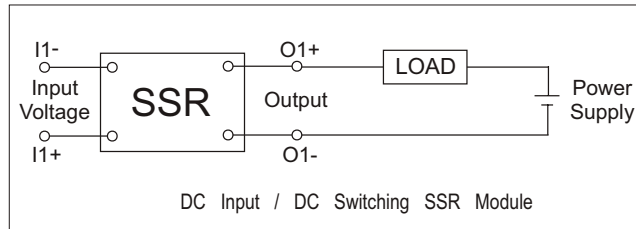
FUSE DATA

Fuse Size	5 x 20 mm
Fuse Type	Fast Blow/Slow Blow
Fuse Ratings (A)	0.1, 0.5, 0.63, 1, 2, 3, 4, 5, 6, 6.3

* Module Lengths mentioned are for RAIL Mounting option only.
The lengths may vary for PANEL Mounting

** PANEL Mounting relay modules are available on request.
Please use the suffix -P with the cat. no. for ordering.

Connection Diagrams



ORDERING INFORMATION

		5 VDC Control Voltage		12 VDC Control Voltage		24 VDC Control Voltage			
	# of Chrs	With Pluggable Relays	With Soldered Relays	With Soldered Relays	With Soldered Relays	With Soldered Relays	With Soldered Relays	With Soldered Relays	With Soldered Relays
DC Input DC Output 2 Amp	1	IMERS1/5D125D2	IMER1/5D125D2	IMERS1/12D125D2	IMER1/12D125D2	IMERS1/24D125D2	IMER1/24D125D2		
	2	IMERS2/5D125D2	IMER2/5D125D2	IMERS2/12D125D2	IMER2/12D125D2	IMERS2/24D125D2	IMER2/24D125D2		
	4	IMERS4/5D125D2	IMER4/5D125D2	IMERS4/12D125D2	IMER4/12D125D2	IMERS4/24D125D2	IMER4/24D125D2		
	8	IMERS8/5D125D2	IMER8/5D125D2	IMERS8/12D125D2	IMER8/12D125D2	IMERS8/24D125D2	IMER8/24D125D2		
	16	IMERS16/5D125D2	IMER16/5D125D2	IMERS16/12D125D2	IMER16/12D125D2	IMERS16/24D125D2	IMER16/24D125D2		
DC Input AC Output 3 Amp	1	IMERS1/5D400A3	IMER1/5D400A3	IMERS1/12D400A3	IMER1/12D400A3	IMERS1/24D400A3	IMER1/24D400A3		
	2	IMERS2/5D400A3	IMER2/5D400A3	IMERS2/12D400A3	IMER2/12D400A3	IMERS2/24D400A3	IMER2/24D400A3		
	4	IMERS4/5D400A3	IMER4/5D400A3	IMERS4/12D400A3	IMER4/12D400A3	IMERS4/24D400A3	IMER4/24D400A3		
	8	IMERS8/5D400A3	IMER8/5D400A3	IMERS8/12D400A3	IMER8/12D400A3	IMERS8/24D400A3	IMER8/24D400A3		
	16	IMERS16/5D400A3	IMER16/5D400A3	IMERS16/12D400A3	IMER16/12D400A3	IMERS16/24D400A3	IMER16/24D400A3		
DC Input DC Output 2 Amp with Fuse at Output	1	IMERSF1/5D125D2	IMERF1/5D125D2	IMERSF1/12D125D2	IMERF1/12D125D2	IMERSF1/24D125D2	IMERF1/24D125D2		
	2	IMERSF2/5D125D2	IMERF2/5D125D2	IMERSF2/12D125D2	IMERF2/12D125D2	IMERSF2/24D125D2	IMERF2/24D125D2		
	4	IMERSF4/5D125D2	IMERF4/5D125D2	IMERSF4/12D125D2	IMERF4/12D125D2	IMERSF4/24D125D2	IMERF4/24D125D2		
	8	IMERSF8/5D125D2	IMERF8/5D125D2	IMERSF8/12D125D2	IMERF8/12D125D2	IMERSF8/24D125D2	IMERF8/24D125D2		
	16	IMERSF16/5D125D2	IMERF16/5D125D2	IMERSF16/12D125D2	IMERF16/12D125D2	IMERSF16/24D125D2	IMERF16/24D125D2		
DC Input AC Output 3 Amp with Fuse at Output	1	IMERSF1/5D400A3	IMERF1/5D400A3	IMERSF1/12D400A3	IMERF1/12D400A3	IMERSF1/24D400A3	IMERF1/24D400A3		
	2	IMERSF2/5D400A3	IMERF2/5D400A3	IMERSF2/12D400A3	IMERF2/12D400A3	IMERSF2/24D400A3	IMERF2/24D400A3		
	4	IMERSF4/5D400A3	IMERF4/5D400A3	IMERSF4/12D400A3	IMERF4/12D400A3	IMERSF4/24D400A3	IMERF4/24D400A3		
	8	IMERSF8/5D400A3	IMERF8/5D400A3	IMERSF8/12D400A3	IMERF8/12D400A3	IMERSF8/24D400A3	IMERF8/24D400A3		
	16	IMERSF16/5D400A3	IMERF16/5D400A3	IMERSF16/12D400A3	IMERF16/12D400A3	IMERSF16/24D400A3	IMERF16/24D400A3		