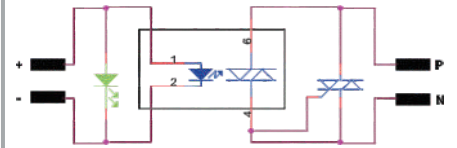
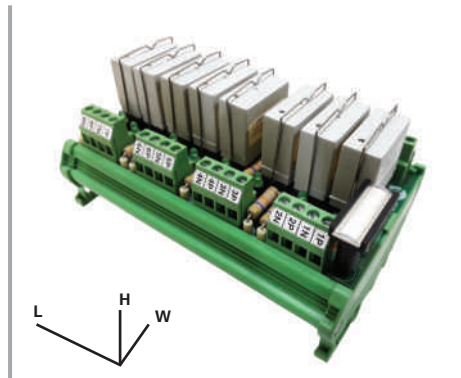


Solid State Relay Modules

AC Output Solid State Relay Modules

Features:

- Fast traceability of signal status through Channel-wise LED indications.
- Plug In Type Relays.
- Interchangeable Looping at Input side using jumpers.
- Reduces Installation & commissioning time.
- Compact in design.
- Universal Rail mounting.



Technical Data:

Input Data		Relay Socket	
Operating Voltage	12-30VDC	Rated values	5A AC/ DC, 250V rms
Rated Current (mA)	4mA	Dielectric strength	2000V AC rms for 1 min.
Input Status LED/Channel Protection	Green Inbuild Snubber	Insulation resistance	1000MΩ at 500V DC
Positive/Negative Looping	User Selectable using Jumpers	Standard conformity	EN 60947-5-1/ IEC 947-5-1
Output Data		Ambient temperature	-45 to +120 °C
Output Voltage	24-250VAC (50Hz)	Termination Data	
Contact Configuration	Normally Open	Terminal Type	Screw Terminal
Contact Current Rating	3Amp.	Nominal Current	24A
PIV	800Vpk	Cross-section	2.5mm ²
I ² T	340A2S for 1 min.	Rated Voltage	250V
Input to Output Isolation	2.5kV for 1 min.	Rated surge Voltage	4KV
Solid State Relay Data		Solid/ Stranded	0.2-4/ 0.2-2.5/ 24-12
SSR Make	UL or Equivalent	[mm ² / mm ²] AWG	
Contact Type	Normally Open	Type of Insulation material	PA/ I
Input Voltage	12-30VDC	Tightening torque	0.6 Nm Max.
Input Current	4mA	General Data	
Load Current	3Amp	Ambient temperature	0°C to +60°C
Inbuild Input LED indication	Green LED	Relative humidity	Max. 90% (Non-condensing)
Output	24-480VAC	PCB design	UL standard ANSI IPC 2221, 2222 & MIL 275B
Turn on time	20ms Approx.	Screw- Terminals	UL, CSA Standard & CE standard
Turn off time	25ms Approx.	Mounting	Din Rail Mountable

Selection Matrix for Solid State Relay Module (Open collector output)

Channel Density		4		8		16	
Protection	Output Fuse	-	✓	-	✓	-	✓
	Fuse, LED	-	✓	-	✓	-	✓
Normally Open Contact		✓	✓	✓	✓	✓	✓
Wetted Contact		-	-	-	-	-	-
Configuration	Source	✓	✓	✓	✓	✓	✓
	Sink	✓	✓	✓	✓	✓	✓
Current Consumption		105mA	105mA	205mA	205mA	405mA	405mA
Dimensions in mm(L X W)		74 x 90	87 x 126	134 x 90	134 x 126	269 x 90	262x126
Part No.		UL24D04-SSR-AC	UL24D04-OFI-SSR-AC	UL24D08-SSR-AC	UL24D08-OFI-SR-AC	UL24D16-SSR AC	UL24D16-OFI-SSR-AC
Ordering Code		086020100001	086020100007	086020200008	086020200003	086020300005	086020300003

Application Industry

