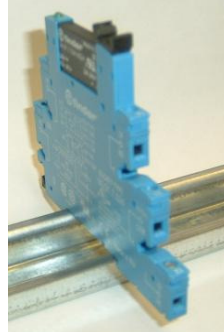


Solid State Relays

Ultra Slim (5mm wide) Solid State Relays that insert into 35mm rail mount sockets. Single Circuit output switch options:

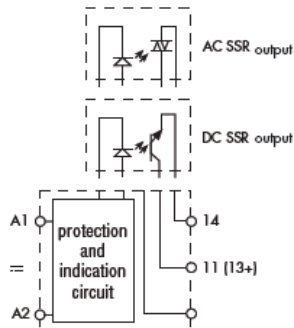
- 2A @ 24VDC
- 2A @ 240VAC



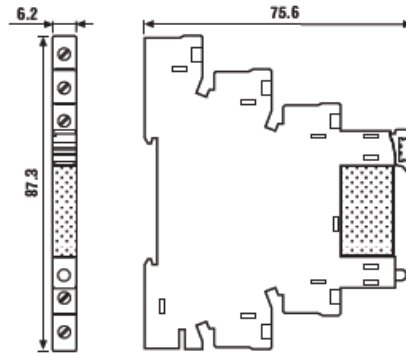
Wiring



Galvanic isolated Optocoupler



Isolation up to 2.5kV



For DC loads

For AC loads

Input	ESG Order No. (SSR + Base)		
5 VDC	E-OPTO-05D-24VD-F		
24VDC	E-OPTO-24D-24VD-F	E-OPTO-24D-240VA-F	
120VAC		E-OPTO-120VA-240VA-F	
Solid State relay – technical data			
Output Circuit			
Contact Configuration	1 NO (SPST-NO)	1 NO (SPST-NO)	
Maximum Current/Voltage	2A / 24VDC	2A / 240VAC	
Switching voltage rang	(1.5...24) VDC	(12...240) VAC	
Min. switching current	1 mA	22mA	
Operate/release time ms	0.1/0.6 (1.43Khz)	12/12	
Input Circuit			
Nominal Voltage	24VDC	24VDC	(110...125) AC/DC
Operating range	16...30VDC	16...30VDC	88-138V
Control Current	7mA	7mA	5.5mA
Release Voltage	10VDC	10VDC	22V
Ambient temperature range	-20°C ...+60°C		
Relay Base Specs			
Rated Values	6A-250V		
Protection category	IP20		
Screw Torque	0.5Nm		
Wire Strip length	10mm		
Max wire size	1 x 14AWG; 2 x 16AWG		