



## SOLID STATE RELAY 84137130N

URL: <https://www.sxplc.com/solid-state-relay-84137130n>

### Product data sheet

General Specifications						
Description	10A	25A	50A	75A	100A	125A
Dielectric Strength, Input to Output (50/60 Hz)	4000 Vrms					
Dielectric Strength, Input/Output to Ground (50/60 Hz)	2500 Vrms	4000 Vrms				
Minimum Insulation Resistance (@ 500 V <sub>DC</sub> )	10 <sup>9</sup> Ω					
Maximum Capacitance, Input/Output	0.8 pF					
Ambient Operating Temperature Range	-40 to 80 °C					
Ambient Storage Temperature Range	-40 to 100 °C					
Weight (typical)	80 g					
Housing Material	UL94 V-0					
Baseplate Material	Aluminum					
Input Terminal Screw Torque Range (in-lb/Nm)	11-18 / 1.2-2.0					
Load Terminal Screw Torque Range (in-lb/Nm)	18-26 / 2-3					
SSR Mounting Screw Torque Range (in-lb/Nm)	11-16 / 1.2-1.8					
Humidity per IEC60068-2-78	40-85 %					
LED Input Status Indicator	Green					
MTBF (Mean Time Between Failures) at 40 °C ambient temperature <sup>2)</sup> (years)	72					
MTBF (Mean Time Between Failures) at 60 °C ambient temperature <sup>2)</sup> (years)	46					

