

SSRDIN Solid State Relays

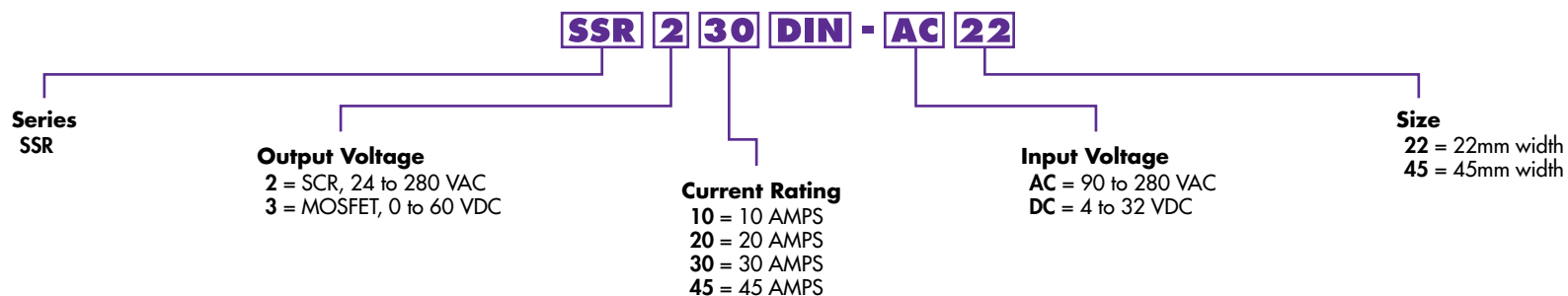
GENERAL SPECIFICATIONS



OUTPUT CHARACTERISTICS		SSR2**DIN-AC**	SSR2**DIN-DC**	SSR3**DIN-DC22†
Output type		SCR		MOSFET
Contact configuration		SPST-NO		
Current rating		10, 20, 30 or 45 A		10, 20 or 30 A
Output voltage		24 to 280 VAC		0 to 60 VDC
Switching type		Zero Cross Switching		DC Switching
INPUT CHARACTERISTICS				
Input voltage		90 to 280 VAC	4 to 32 VDC	4 to 32 VDC
Must release voltage		10 AC	1 DC	1 DC
Typical input current		2 to 4 mA	8 to 12 mA	9 to 11 mA
PERFORMANCE CHARACTERISTICS				
Maximum response time (on and off)		1/2 cycle		1 ms
Dielectric strength (terminals to chassis)		4000 VAC		
ENVIRONMENT				
Ambient air temperature around the device	Storage	-40 to 125 °C		
	Operation	-40 to 80 °C		
Degree of protection		IP 20		
MISCELLANEOUS CHARACTERISTICS				
Weight		22mm: 272 g (9.6 oz); 45mm: 482 g (17 oz)		
Terminal screw torque	Input	10 to 30 A: 1lb (nM); 45 A: 1lb (nM)		
	Output	10 to 30 A: 1lb (nM); 45 A: 1lb (nM)		

†UL and CSA certifications not available for MOSFET versions.

PART NUMBER EXPLANATION



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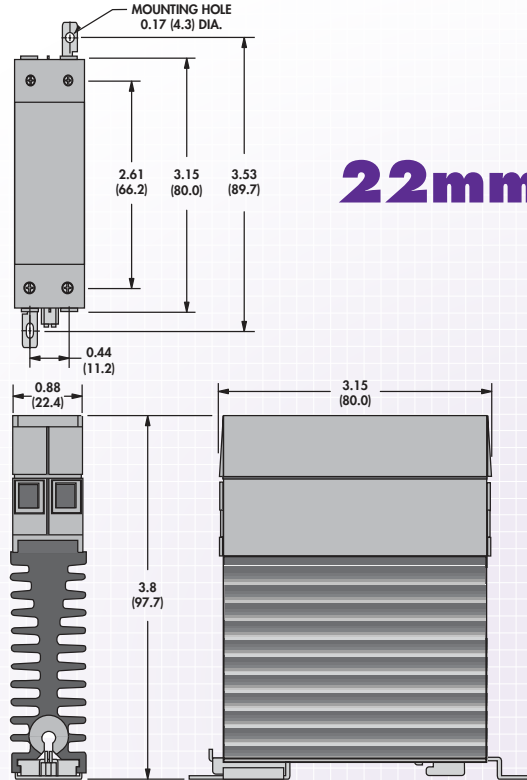
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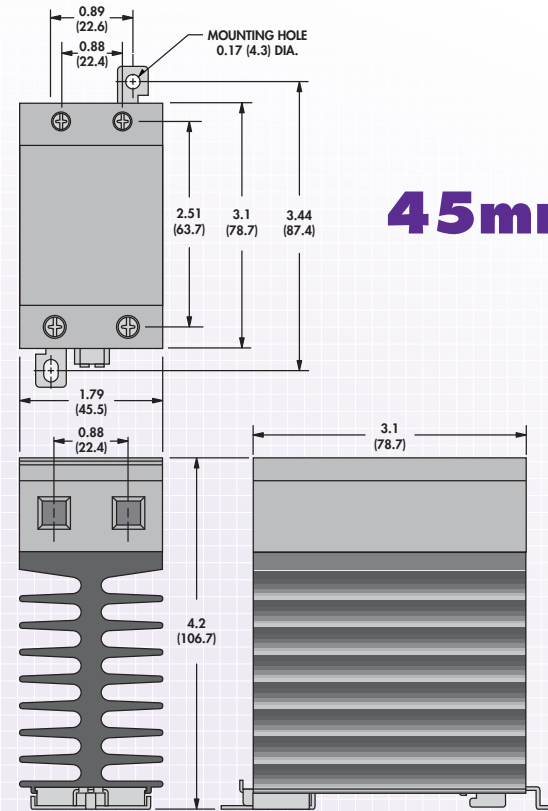
SSR2xxDIN-xC-RELAY 2709

DIMENSIONS

shown in inches (millimeters)

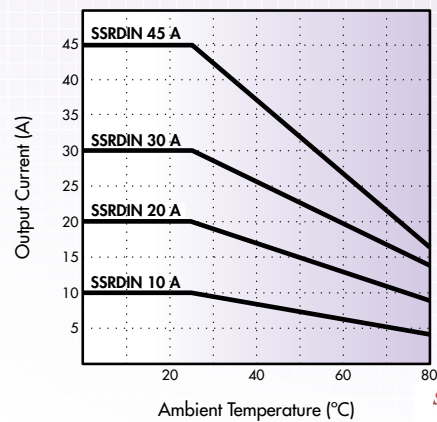


22mm

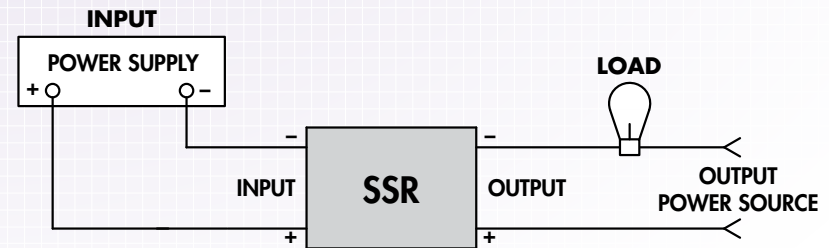


45mm

Load Current vs Ambient Temperature
(100% Duty Cycle)



WIRING DIAGRAM



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