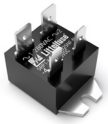
CONTROL WITH CONFIDENCE: LITTELFUSE ESSENTIAL SOLID-STATE RELAYS

Overview

Littelfuse essential solid-state industrial relays are built to last with compliance to international standards like cЯUus, VDE, CE, and UKCA. Whether you need reliable, cost-effective control for heating, industrial automation, or renewable energy, these relays have you covered.

SRP1-CC Series	SRP1-CE Series	SRP1-ME Series
		
DC output SSRs are versatile and can be used to control various types of loads, including resistive loads such as heating elements, and inductive loads like DC motors and valves.	Affordable solution for controlling simple heating applications.	Affordable solution for controlling simple heating applications.
■ MOSFET technology ■ Compliance with international standards ■ Cost-effective with reliable performance	■ Zero Cross Switching ■ Compliance with international standards ■ Cost-effective with reliable performance	■ Zero Cross Switching ■ Compliance with international standards ■ Uses back-to-back SCRs for high quality and reliability
Applications: ■ DC heaters ■ Solenoid valves ■ Fans and electric motors ■ Battery connection/disconnection ■ Packaging machinery ■ Medical & test equipment	**Applications:** ■ Cooking ovens & hot drinks dispensers ■ Commercial fryers and food warmers ■ Air handlers and other HVAC equipment ■ Plastic & packaging machinery ■ Industrial ovens & electronics production equipment ■ Heating in industrial automation	**Applications:** ■ Coffee machines ■ Cooking ovens ■ Hot drinks dispensers ■ Commercial fryers ■ Cooking suites ■ Commercial toasters

Available Parts

	Catalog Number*	Output Max Current	Output Voltage	Output Switching Style	Output Overvoltage Protection	Input Voltage Range	Compliance
SRP1-CC DC Output Applications	SRP1-CCDDV-020NC-N	20A	100 VDC	DC	-	4-32 V DC	cЯUus,CE
	SRP1-CCDDL-020NC-N	20A	200 VDC	DC	-	4-32 V DC	cЯUus, CE
	SRP1-CCDDV-040NC-N	40A	100 VDC	DC	-	4-32 V DC	cЯUus, CE
	SRP1-CCDDL-040NC-N	40A	200 VDC	DC	-	4-32 V DC	cЯUus, CE
SRP1-CE IP20 Removable Cover	SRP1-CEDZL-010NC-N	10 A	12-280 V AC	Zero Cross	-	4-32 V DC	cЯUus, VDE, CE, UKCA
	SRP1-CEDZL-020NC-N	20 A	12-280 V AC	Zero Cross	-	4-32 V DC	cЯUus, VDE, CE, UKCA
	SRP1-CEDZL-040NC-N	40 A	12-280 V AC	Zero Cross	-	4-32 V DC	cЯUus, VDE, CE, UKCA
	SRP1-CEDZM-050NC-N	50 A	24-660 V AC	Zero Cross	-	4-32 V DC	cЯUus, VDE, CE, UKCA
	SRP1-CEDZM-070NC-N	70 A	24-660 V AC	Zero Cross	-	4-32 V DC	cЯUus, VDE, CE, UKCA
	SRP1-CEDZM-080NC-N	80A	24-660 V AC	Zero Cross	-	4-32 V DC	cЯUus, VDE, CE, UKCA
SRP1-ME Compact Design	SRP1-MEDZL-025NF-N	25A	12-280 V AC	Zero Cross	-	4-30 V DC	cЯUus, VDE, CE

*For Heating Control

For more information and detailed datasheets, visit Littelfuse.com/IndustrialSolidStateRelays.

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