

Presentation of the range

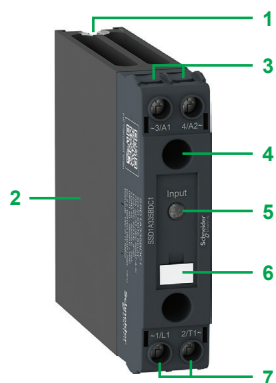
SSD1 solid state relays are single-phase DIN rail mounted relays with high-power density of up to 60 A and built-in heat sink. They are available in two configurations, namely the relay and contactor types.

The **SSD1** family offers a unique range of terminal connections (input connectors: spring or screw plug-in, output terminals: telescopic, clamp cage or standard screw) providing options as per the wiring preference.

Relay description

SSD1 relay, 22.5 mm/0.886 in. – Relay configuration

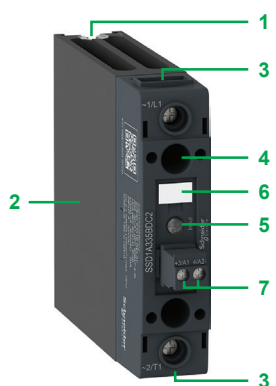
- 1 Locating slot for mounting on DIN rail
- 2 Built-in heat sink for heat dissipation
- 3 Control input connection terminals
- 4 Fixing hole for attaching relay to heat sink
- 5 LED input status indicator
- 6 Clip-in legend for easy identification
- 7 Load output connection terminals



SSD1 single-phase solid state DIN rail relay, 22.5 mm

SSD1 relay, 22.5 mm/0.886 in. – Contactor configuration with pluggable (screw or spring) input connector

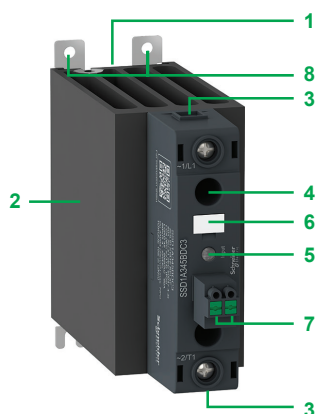
- 1 Locating slot for mounting on DIN rail
- 2 Built-in heat sink for heat dissipation
- 3 Load output connection terminals
- 4 Fixing hole for attaching relay to heat sink
- 5 LED input status indicator
- 6 Clip-in legend for easy identification
- 7 Pluggable input connector (spring or screw options available)



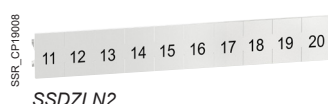
SSD1 single-phase solid state DIN rail contactor with pluggable screw input, 22.5 mm

SSD1 relay, 45 mm/1.771 in. – Contactor configuration with pluggable (screw or spring) input connector

- 1 Locating slot for mounting on DIN rail
- 2 Built-in heat sink for heat dissipation
- 3 Load output connection terminals
- 4 Fixing hole for attaching relay to heat sink
- 5 LED input status indicator
- 6 Clip-in legend for easy identification
- 7 Pluggable input connector (spring or screw options available)
- 8 Lugs for panel mounting



SSD1 single-phase solid state DIN rail contactor with pluggable spring input, 45 mm



SSD1 single-phase solid state relays (22.5 and 45 mm)

Switching	Voltage range		Load current range	Configuration	Reference	Weight			
	Control input	Load output							
	V	V	A			kg/lb			
DC switching	≡ 4...32	≡ 1...150	20	Relay	SSD1D520BDC1	0.298/0.657			
			30	Relay	SSD1D530BDC1	0.298/0.657			
Zero voltage switching	≡ 4...32	~ 48...600	20	Relay	SSD1A320BDC1	0.298/0.657			
			20	Contactactor, Screw input connector	SSD1A320BDC2	0.301/0.664			
			20	Contactactor, Spring input connector	SSD1A320BDC3	0.301/0.664			
			35	Relay	SSD1A335BDC1	0.298/0.657			
			35	Contactactor, Screw input connector	SSD1A335BDC2	0.301/0.664			
			35	Contactactor, Spring input connector	SSD1A335BDC3	0.301/0.664			
			45	Contactactor, Screw input connector	SSD1A345BDC2	0.507/1.117			
			45	Contactactor, Spring input connector	SSD1A345BDC3	0.507/1.117			
			60	Contactactor, Screw input connector	SSD1A360BDC2	0.507/1.117			
			60	Contactactor, Spring input connector	SSD1A360BDC3	0.507/1.117			
			≈ 90...280	~ 48...600	20	Relay	SSD1A320M7C1	0.298/0.657	
					20	Contactactor, Screw input connector	SSD1A320M7C2	0.301/0.664	
	20	Contactactor, Spring input connector			SSD1A320M7C3	0.301/0.664			
	35	Relay			SSD1A335M7C1	0.298/0.657			
	35	Contactactor, Screw input connector			SSD1A335M7C2	0.301/0.664			
	35	Contactactor, Spring input connector			SSD1A335M7C3	0.301/0.664			
	45	Contactactor, Screw input connector			SSD1A345M7C2	0.507/1.117			
	45	Contactactor, Spring input connector			SSD1A345M7C3	0.507/1.117			
	60	Contactactor, Screw input connector			SSD1A360M7C2	0.507/1.117			
	60	Contactactor, Spring input connector			SSD1A360M7C3	0.507/1.117			
	Random switching	≡ 4...32			~ 48...600	20	Relay	SSD1A320BDRC1	0.298/0.657
						20	Contactactor, Screw input connector	SSD1A320BDRC2	0.301/0.664
			20	Contactactor, Spring input connector		SSD1A320BDRC3	0.301/0.664		
			35	Relay		SSD1A335BDRC1	0.298/0.657		
35			Contactactor, Screw input connector	SSD1A335BDRC2		0.301/0.664			
35			Contactactor, Spring input connector	SSD1A335BDRC3		0.301/0.664			
45			Contactactor, Screw input connector	SSD1A345BDRC2		0.507/1.117			
45			Contactactor, Spring input connector	SSD1A345BDRC3		0.507/1.117			
60			Contactactor, Screw input connector	SSD1A360BDRC2		0.507/1.117			
60			Contactactor, Spring input connector	SSD1A360BDRC3		0.507/1.117			
≈ 90...280			~ 48...600	20		Relay	SSD1A320M7RC1	0.298/0.657	
				20		Contactactor, Screw input connector	SSD1A320M7RC2	0.301/0.664	
	20	Contactactor, Spring input connector		SSD1A320M7RC3	0.301/0.664				
	35	Relay		SSD1A335M7RC1	0.298/0.657				
	35	Contactactor, Screw input connector		SSD1A335M7RC2	0.301/0.664				
	35	Contactactor, Spring input connector		SSD1A335M7RC3	0.301/0.664				
	45	Contactactor, Screw input connector		SSD1A345M7RC2	0.507/1.117				
	45	Contactactor, Spring input connector		SSD1A345M7RC3	0.507/1.117				
	60	Contactactor, Screw input connector		SSD1A360M7RC2	0.507/1.117				
	60	Contactactor, Spring input connector		SSD1A360M7RC3	0.507/1.117				

Accessories

Description	For use with	Sold in lots of	Unit reference	Weight kg/lb
Clip-in Legends, Blank strip	All SSD1 solid state relays	10	SSDZLB	0.002/0.004
Clip-in Legends, Numbered strip (1 to 10)	All SSD1 solid state relays	10	SSDZLN1	0.002/0.004
Clip-in Legends, Numbered strip (11 to 20)	All SSD1 solid state relays	10	SSDZLN2	0.002/0.004