

Cii Solid State Relays



PANEL MOUNT POWER RELAYS

- Superior Surge Survival™
- 4000V Isolation
- Zero Cross Turn-On
- Direct Copper Bonded SCR's
- Current Limited Inputs
- Rated @ 40°C
- Safety Cover Included
- 800V Peak Blocking V (300V)
- 1200V Peak Blocking V (600V)
- High Surge Capability
- Built in Snubber



SVAA Series, 100VAC Input, Current Limited to 19mA Max.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cii Part No.	Fig.	Output Voltage (VAC)	Output Current (Amps)	Control Voltage (min/max)	Control Current (mA) (min/max)	Turn-Off Voltage	Price Each			
								1	10	25	50
AC Control											
518-4410	SVAA/3V10	A	24-330	.05-10A	100-280VAC	2mA/19mA	20V/2mA	24.54	22.75	21.82	18.20
518-4425	SVAA/3V25	A	24-330	.10-25A	100-280VAC	2mA/19mA	20V/2mA	24.37	21.94	20.07	18.77
518-4450	SVAA/3V50	A	24-330	.10-50A	100-280VAC	2mA/19mA	20V/2mA	34.59	32.54	30.21	28.98
518-4475	SVAA/3V75	A	24-330	.10-75A	100-280VAC	2mA/19mA	20V/2mA	52.88	47.59	42.30	40.59
518-4650	SVAA/6V50	A	24-660	.10-50A	100-280VAC	2mA/19mA	20V/2mA	58.24	55.33	52.42	49.51
518-4675	SVAA/6V75	A	24-660	.10-75A	100-280VAC	2mA/19mA	20V/2mA	72.47	68.85	65.23	61.60

SVDA Series, 4-32VDC Input, Current Limited to 10mA Max.

For quantities greater than listed, call for quote.

DC Control											
MOUSER STOCK NO.	Cii Part No.	Fig.	Output Voltage (VDC)	Output Current (Amps)	Control Voltage (VDC)	Control Current (mA)	Turn On-Off Time μ sec.	Price Each			
1	10	25	50								
518-4310	SVDA/3V10	A	24-330	.05-10A	4-32VDC	5.4mA/10mA	1VDC	18.00	17.10	16.20	15.30
518-4325	SVDA/3V25	A	24-330	.10-25A	4-32VDC	5.4mA/10mA	1VDC	21.36	19.22	17.09	16.13
518-4350	SVDA/3V50	A	24-330	.10-50A	4-32VDC	3.5mA/8mA	1VDC	46.75	42.08	37.40	35.53
518-4375	SVDA/3V75	A	24-330	.10-75A	4-32VDC	3.5mA/8mA	1VDC	49.92	44.93	39.94	37.51
518-4550	SVDA/6V50	A	24-660	.10-50A	4-32VDC	3.5mA/8mA	1VDC	38.40	35.22	33.27	31.88
518-4575	SVDA/6V75	A	24-660	.10-75A	4-32VDC	3.5mA/8mA	1VDC	64.40	61.18	57.96	54.74

SVDD Series, DC-DC Solid State Relay

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cii Part No.	Fig.	Output Voltage (DC Volts)	Output Current (Amps)	Control Voltage (VDC)	Control Current (mA) (min/max)	Turn On-Off Time μ sec.	Price Each			
1	10	25	50								
DC Control											
518-1312	SVDD/1V12	A	100	12	4-32	6	25	37.30	33.57	29.84	26.11
518-1320	SVDD/1V20	A	100	20	4-32	6	25	36.94	35.10	33.25	31.40
518-1340	SVDD/1V40	A	100	40	4-32	6	25	56.39	50.76	45.11	39.48

SOLID STATE RELAY ACCESSORIES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cii Part No.	Fig.	Description	Price Each			
1	10	25	50				
518-1400	COVER-SAFETY-000	A	Safety Cover for SV Series Hockey Puck Relays	8.33	7.93	7.83	7.09

DIN RAIL MOUNT RELAYS, 48-660VAC OUTPUT

- Rugged Snubber Circuit
- Current Limited Inputs
- 4000V Isolation
- Superior Surge Survival™
- DIN Rail or Panel Mount
- Zero Cross Turn On
- Wide Input Ranges
- Rated @ 40°C
- No Need for Burden Resistor on AC Circuits
- Oversized SCR's (1400 Blocking Volts on 600v units)
- Super Efficient, 1.0W dissipated per Amp switches



RVAA Series, Single Phase AC Control

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cii Part No.	Fig.	Output Voltage (VAC)	Output Current (Amps)	Control Voltage (min/max)	Control Current (mA) (min/max)	Must Release (VAC/IAC)	Price Each			
								1	10	25	50
518-2425	RVAA/6V25	B	24-660	.10-25	100-280VAC	9mA/25mA	20/2mA	52.65	47.39	42.13	40.81
518-2440	RVAA/6V40	C	24-660	.10-40	100-280VAC	9mA/25mA	20/2mA	64.43	57.99	51.95	46.00

RVDA Series, Single Phase DC Control

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cii Part No.	Fig.	Output Voltage (VAC)	Output Current (Amps)	Control Voltage (min/max)	Control Current (mA) (min/max)	Must Release (VAC/IAC)	Price Each			
								1	10	25	50
518-2325	RVDA/6V25	B	24-660	.10-25	4-32VDC	3.5mA/8mA	1	52.00	48.71	44.00	41.00
518-2340	RVDA/6V40	C	24-660	.10-40	4-32VDC	3.5mA/8mA	1	60.18	57.18	54.15	51.16

RVMA Series, Single Phase 4-20mA Input, Time Proportioning Output

- All of the RV Series features above
- 4-20mA Process Input; High Speed, Time Proportioning AC Output
- Output Resolution of 1/2 Sinewave (8.3ms at 60Hz)

MOUSER STOCK NO.	Cii Part No.	Fig.	Output Voltage (VAC)	Output Current (Amps)	Max Voltage Drop at 20mA (VDC)	Price Each			
						1	10	25	50
518-6625	RVMA/6V25	B	24-660	.10-25	6	91.33	82.21	73.07	63.94
518-6640	RVMA/6V40	C	24-660	.10-40	6	101.69	91.53	81.36	71.19

THREE PHASE SOLID STATE RELAYS

- Superior Surge Survival™
- Rugged Snubber Circuit
- Current Limited Inputs
- MOV Option Available
- Din Rail or Panel Mount
- Rated @ 40°C
- No Need for Burden Resistor on AC Circuits
- Oversized SCR's (1400 Blocking Volts on 600v units)
- 4000V Isolation

These units can be wired for 3 phase 2 leg with a rating of 37.5 Amps per leg. 500V units have internal MOV installed

RVA3 Series, Three Phase AC Control

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cii Part No.	Fig.	Output Voltage (VAC)	Output Current (Amps)	Control Voltage (min/max)	Control Current (mA) (min/max)	Must Release	Price Each			
								1	10	25	50
518-3475	RVA3/6V75T/H	D	48-660	.10-30/leg	100-280VAC	10-33	20VAC	132.40	119.16	105.92	100.21

RVD3 Series, Three Phase DC Control

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cii Part No.	Fig.	Output Voltage (VAC)	Output Current (Amps)	Control Voltage (min/max)	Control Current (mA) (min/max)	Must Release	Price Each			
								1	10	25	50
518-3575	RVD3/6V75T/L	D	48-660	.10-30/leg	4-32VDC	10-18	1VDC	128.44	122.02	109.18	96.33
518-2333	RVD3/5V75T/H	D	48-560	.10-30/leg	4-32VDC	10-18	1VDC	147.00	136.00	123.00	107.73

DIMENSIONS: in.

A

B

C

D

