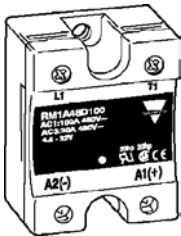


SCR Zero Switching Relays

— NEW —

- ▶ Green LED Indicator
- ▶ Protective Touch Safe Cover
- ▶ Built-In MOV Protection
- ▶ Direct Copper Bonding and SMD Technology
- ▶ No Internal Mechanical Stress (No Potting)
- ▶ AC and/or DC Control Voltage
- ▶ Up to 100 Amp Switching Capability
- ▶ Up to 660 VAC Switching
- ▶ Up to 1600 Vp Non-Repetitive Voltage



Zero switching solid state relays offering up to 1600 Vp non-repetitive peak voltage. They provide high current carrying capabilities for operational voltages up to 660 VAC. Normally open, back-to-back SCR outputs are utilized in the output circuitry to reduce leakage current. UL recognized, CSA certified, CE compliant.

4.5-32 VDC Control Voltage

Stock No.	Mfr.'s Type	Line VAC	Amps	EACH		
				1-4	5-9	10-24
251-0090	RM1A23D25	42-265	25 A	30.00	28.50	27.00
251-0091	RM1A23D50	42-265	50 A	34.00	32.30	30.60
251-0092	RM1A23D75	42-265	75 A	55.00	52.25	49.50
251-0093	RM1A23D100	42-265	100 A	80.00	76.00	72.00
251-0094	RM1A48D25	42-530	25 A	36.00	34.20	32.40
251-0095	RM1A48D50	42-530	50 A	41.00	36.90	34.33
251-0096	RM1A48D75	42-530	75 A	60.00	54.00	48.60
251-0097	RM1A48D100	42-530	100 A	88.00	83.60	79.20
251-0098	RM1A60D25	42-660	25 A	42.00	39.90	37.80
251-0099	RM1A60D50	42-660	50 A	50.00	47.50	45.00
251-0100	RM1A60D75	42-660	75 A	78.00	74.10	70.20
251-0101	RM1A60D100	42-660	100 A	100.00	95.00	90.00

24-180 VDC or 24-265 VAC Control Voltage

251-0102	RM1A23A25	42-265	25 A	31.00	29.45	27.90
251-0103	RM1A23A50	42-265	50 A	35.00	33.20	31.50
251-0104	RM1A23A75	42-265	75 A	57.00	54.15	51.30
251-0105	RM1A23A100	42-265	100 A	90.00	85.50	81.00
251-0106	RM1A48A25	42-530	25 A	40.00	38.00	36.00
251-0107	RM1A48A50	42-530	50 A	45.00	42.75	40.50
251-0108	RM1A48A75	42-530	75 A	65.00	61.75	58.50
251-0109	RM1A48A100	42-530	100 A	99.00	94.05	89.10
251-0110	RM1A60A25	42-660	25 A	50.00	47.50	45.00
251-0111	RM1A60A50	42-660	50 A	58.00	55.10	52.20
251-0112	RM1A60A75	42-660	75 A	88.00	83.60	79.20
251-0113	RM1A60A100	42-660	100 A	110.00	104.50	99.00

Low Cost Triac Output Relays

— NEW —



Economical zero switching triac output for less demanding resistive load applications. Relays feature LED indication and touch proof cover. Non-repetitive voltage up to 1200 Vp. UL recognized, CSA certified, CE compliant. 18-36 VAC/DC control voltage types are also available. Contact your local Allied sales representative.

4.5-32 VDC Control Voltage

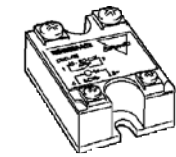
Stock No.	Mfr.'s Type	Line VAC	Amps	EACH		
				1-4	5-9	10-24
251-0114	RS1A23D10	42-265	10 A	20.00	19.00	18.00
251-0115	RS1A23D25	42-265	25 A	22.00	20.90	19.80
251-0116	RS1A23D40	42-265	40 A	28.00	26.60	25.20
251-0117	RS1A48D10	42-530	10 A	26.00	24.70	23.40
251-0118	RS1A48D25	42-530	25 A	30.00	28.50	27.00
251-0119	RS1A48D40	42-530	40 A	34.00	32.30	30.60

DC Switching Relay



Transistor output, 3-32 VDC control. CSA certified and CE compliant.

Stock No.	Mfr.'s Type	Line VDC	Amps	EACH		
				1-4	5-9	10-24
251-1037	RD0605-D	3-60	5 A	47.00	44.65	42.30
251-1038	RD2001-D	3-200	1 A	61.00	57.95	54.90



Phase Angle Fired Analog Switching Relays

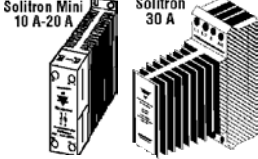


Ideally suited for "phase angle" control of resistive loads, such as heater bands or incandescent lamps. The relay switches off every time the current crosses zero and switches the load voltage proportionally with the applied analog control current. Back-to-back SCR output, up to 660 VAC, controlled by 4-20 mA DC. LED illumination is proportional to the input signal. UL recognized, CSA certified, CE compliant.

Stock No.	Mfr.'s Type	Line VAC	Amps	EACH	
				1-4	5-9
251-1047	RE 2425-AA06	90-280	25 A	106.00	100.70
251-1048	RE 2450-AA06	90-280	50 A	120.00	114.00
251-1050	RE 4825-AA12	265-530	25 A	120.00	114.00
251-1051	RE 4850-AA12	265-530	50 A	142.00	134.90

“Solitron” Solid State Contactor with Integrated Heat Sink

- ▶ User Friendly — Just Snap onto DIN Rail
- ▶ Ideal Alternative to Mercury Relays
- ▶ One or Two Pole Switching
- ▶ Zero Switching for Resistive/Motor Loads
- ▶ Built-In MOV Protection
- ▶ LED Indication
- ▶ AC and/or DC Control Voltage
- ▶ Up to 63 A Output Current
- ▶ Up to 660 VAC Switching
- ▶ Up to 1600 Vp Non-Repetitive Voltage



The new solid state switching trend — solid state relays with heat sinks integrated directly onto the relay. Provides an excellent alternative to (environmentally hazardous) mercury relays. Due to the higher rated output, the 30 and 50 amp versions feature front mounted heat sinks, which cool more efficiently than rear mounted heat sinks, (due to natural air convection within the panel). Higher surge current rated relays (90 A) for inductive loads are available. CE mark.

Single Pole, 5-24 VDC Control

Stock No.	Mfr.'s Type	Size — mm (H × W × D)	Amps	Line Voltage	EACH	
					1-4	5-9
251-2010	RN1A60D10U	100 × 23 × 103	10 A	42-660 VAC	35.00	33.25
251-2011	RN1A60D20U	100 × 23 × 103	20 A	42-660 VAC	41.00	38.95
251-2012	RN1A48D30	120 × 45 × 103	30 A	42-530 VAC	60.00	57.00
251-2002	RN1A48D50	120 × 89 × 103	50 A	42-530 VAC	76.00	72.20
251-0124	RN1A48D63	120 × 89 × 103	63 A	42-530 VAC	93.00	88.35

Single Pole, 24-265 VAC/DC Control

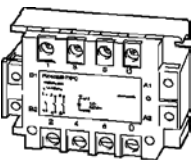
251-2013	RN1A60A10U	100 × 23 × 103	10 A	42-660 VAC	37.00	35.15
251-2014	RN1A60A20U	100 × 23 × 103	20 A	42-660 VAC	44.00	41.85
251-2015	RN1A48A30	120 × 45 × 103	30 A	42-530 VAC	62.00	58.90
251-2004	RN1A48A50	120 × 89 × 103	50 A	42-530 VAC	78.00	74.10
251-0125	RN1A48A63	120 × 89 × 103	63 A	42-530 VAC	95.00	90.25

Double Pole, 5-24 VDC Control, 42-530 VAC Switching

251-2016	RN2A48D30	120 × 45 × 103	30 A	42-530 VAC	114.00	108.30
251-2006	RN2A48D50	120 × 89 × 103	50 A	42-530 VAC	131.00	124.45

Double Pole, 20-265 VAC/DC Control, 42-530 VAC Switching

251-2007	RN2A48A30	120 × 45 × 103	30 A	42-530 VAC	117.00	111.15
251-2008	RN2A48A50	120 × 89 × 103	50 A	42-530 VAC	133.00	126.35



3 Phase Zero Switching Relays

- ▶ Built-In MOVs and Protective Cover
- ▶ Bright LED Indication
- ▶ Unique Raised Back Plate
- ▶ Optimum Heat Dissipation
- ▶ AC and/or DC Control Voltage
- ▶ Up to 55 A, 530 VAC Switching
- ▶ Up to 1200 Vp Non-Repetitive Voltage



Three phase zero switching solid state relays for resistive loads (heater bands) and inductive loads. Optional pilot duty switch. Optional temperature limit switch, which monitors the back plate temperature. UL/CSA; CE marked.

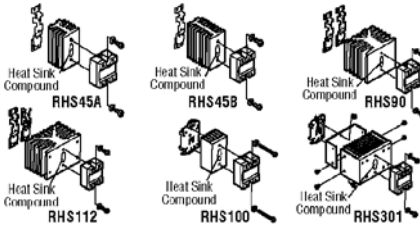
10-40 VDC Control

Stock No.	Mfr.'s Type	Line-Line V	Amps	EACH		
				1-4	5-9	10-24
251-1053	RZ4825HDPO	12-530 V	25 A	173.44	164.78	156.11
251-1055	RZ4855HDPO	12-530 V	55 A	195.65	185.86	176.07

20-265 VAC/DC Control

251-1057	RZ4825HAPO	12-530 V	25 A	185.00	175.75	166.50
251-1059	RZ4855HAPO	12-530 V	55 A	207.00	196.65	186.30

Heat Sink Kits for Chassis Mount SSRs



Heat sink kits provide DIN rail or chassis mounting* capabilities of most chassis mount SSRs with a single or three phase footprint. Kits delivered with heat sink, DIN rail adapter, thermally conductive compound and all necessary hardware.

Stock No.	Mfr.'s Type	Description	Max. °C/W	EACH
251-0120	RHS45A	Heat sink for one single phase SSR	2.70°	33.00
251-0121	RHS45B	Heat sink for one single phase SSR	2.00°	36.00
251-0122	RHS90	Heat sink for one single phase SSR	1.35°	55.00
251-0123	RHS112	Heat sink for one single phase SSR or one three phase SSR	1.10°	62.00
251-1061	RHS100*	Heat sink for one single phase SSR	3.00°	33.00
251-1062	RHS301*	Heat sink for one or two single phase SSRs or one three phase SSR	0.80°	78.00
251-1063	RHS301F115C*	RHS301 heatsink with 115 VAC cooling fan	0.25°	234.00

*RHS100, RHS301 and RHS301F115C are for DIN rail mounting only.