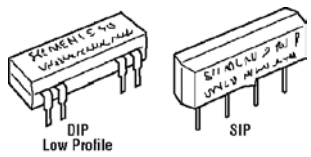
V23100 Reed Relays DIP/SIP Series



Features
- Direct Coil Control with TTL-Signals Possible
- Pin Compatible with ICs
- Low Contact Noise and Low Thermoelectric Voltage
- Ultrasonic Cleanable
- High Vibration and Shock Resistant

Applications
- ATE- In Circuit Tester
- Switch for Test Point
- Telecom Equipment
- Alarm and Security Equipment
- Measurement and Control Systems

Relays are available with optional diode and electrostatic shield between coil and contact. **Maximum Switching Current:** DIP, 1 or 2 makes — 0.5 A, 1 changeover — 0.25 A; SIP, 1 make — 0.5 A. **Maximum Continuous Current:** DIP, 1 and 2 makes — 1 A, DIP 1 changeover — 1.2 A; SIP, 1 make — 1 A. **Typical Nominal Power Consumption (@ 20°C):** 50-288 mW. **Operate Voltage:** 70% of nominal power. **Release Voltage:** 15% of nominal voltage. **Operating Temperature:** –20°C to +70°C.

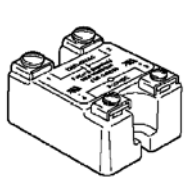
DIP — Low Profile

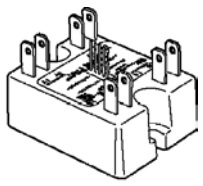
Stock No.	Mfr.'s Type	Nominal Voltage	Contact Arrangements	Resistance @ 20°C (Ω)	EACH 1-24	25-49	50-99
886-2325	V23100-V4005-A000	5 VDC	SPST-NO	500	**1.86**	**1.61**	**1.46**
886-2326	V23100-V4012-A000	12 VDC	SPST-NO	1000	**1.86**	**1.61**	**1.46**
886-2327	V23100-V4024-A000	24 VDC	SPST-NO	2000	**1.91**	**1.65**	**1.50**

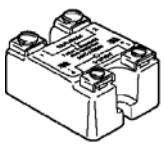
SIP

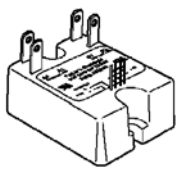
886-2328	V23100-V4505-A000	5 VDC	SPST-NO	500	**1.91**	**1.65**	**1.50**
886-2329	V23100-V4512-A000	12 VDC	SPST-NO	1000	**1.91**	**1.65**	**1.50**
886-2330	V23100-V4524-A000	24 VDC	SPST-NO	2000	**1.95**	**1.69**	**1.53**

Solid State Relays


SSR Series


SSRQ Series


SSRT Series


SSRD Series

SSRT Series — AC Switch without Snubber
SSRT series relay ia a triac output solid state relay that is controlled by an opto-electronic coupler. Intended for use as an On/Off switch for loads through 25 amps. EMI and RFI are greatly reduced due to zero voltage turn-on and zero current turn-off of the load. 1 Form A (SPST-NO). Plastic case is UL rated self-extinguishing.

Stock No.	Mfr.'s Type	Line Voltage	Input Voltage	Max. Switching Rating/Output	EACH 1-24	25-49	50-99
886-7020	SSRT-240A10	24-280 VAC	90-280 VAC	0.05-10 A rms @ 80°C	**28.27**	**25.70**	**23.56**
886-7021	SSRT-240A25	24-280 VAC	90-280 VAC	0.05-25 A rms @ 80°C	**34.15**	**32.45**	**29.73**
886-7022	SSRT-240D10	24-280 VAC	3-32 VDC	0.05-10 A rms @ 80°C	**25.78**	**23.03**	**21.11**
886-7023	SSRT-240D25	24-280 VAC	3-32 VDC	0.05-25 A rms @ 80°C	**29.75**	**27.04**	**24.78**

SSR Series — AC Switch with Snubber
SSR Series is a medium/high power, 120/240 VAC, 47-70 Hz inverse parallel SCR output solid state relay that is controlled by an opto-electronic coupler intended for use as On/Off switch for loads through 110 amps. Ideal for interfacing between logic output of TTL, HTL, or MOS and AC loads such as solenoids, motors and transformers.

886-7010	SSR-240A25	—	90-280 VAC	0.05-25 A rms @ 80°C	**28.47**	**27.05**	**25.64**
886-7011	SSR-240A50	—	90-280 VAC	0.05-50 A rms @ 80°C	**58.40**	**55.48**	**52.55**
886-7013	SSR-240D25	—	3-32 VDC	0.05-25 A rms @ 80°C	**32.69**	**29.71**	**27.24**
886-7014	SSR-240D25R*	—	3-32 VDC	0.05-25 A rms @ 80°C	**33.36**	**31.70**	**30.03**
886-7015	SSR-240D50	—	3-32 VDC	0.05-50 A rms @ 80°C	**40.47**	**36.79**	**33.73**

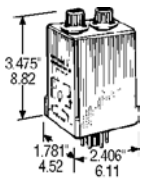
*Random voltage turn-on.

SSRD Series — Dual AC Switch
SSRD series relays comprise two totally independent, optically isolated, inverse parallel SCR output solid state relays in one standard package. Intended to be used as two On/Off switches for loads through 40 amps. UL recognized and CSA certified for industrial applications.

886-7025	SSRD-240D25	24-280 VAC	3-32 VDC	25 A rms @ 80°C	**59.49**	**54.08**	**49.57**
886-7026	SSRD-240D40	24-280 VAC	3-32 VDC	40 A rms @ 80°C	**82.62**	**75.11**	**68.85**

SSRQ Series — AC Switch
SSRQ series relay comprises four totally independent, optically isolated, triac output solid state relays in one standard package. Designed to be used as four On/Off switches for loads through 20 amps.

886-7024	SSRQ-240D20	24-280 VAC	3-32 VDC	20 A rms @ 80°C	**95.23**	**86.57**	**79.36**



CS Series Solid-State Voltage Sensors

Adjustable pick-up, drop-out voltages. **Drain:** 3 mA (max.); after sensing, 30 mA. DC polarity protection. **2 Form C(DPDT) Contacts:** 10 A at 28 VDC resistive; 120 VAC resistive. **Ambient:** –40° to +55°C. AC types — 50 to 60 Hz. Octal plug. Cover. Uses 8-pin octal sockets. **Weight.:** 10 oz. (284 gm).

Stock No.	Mfr.'s Type	Pick-Up Range	Drop-Out Range	V	EACH 1-24	25-49	50-99
886-0118	CSJ-38-70010	92-140 V	90-138 V	AC	**115.45**	**108.95**	**101.69**

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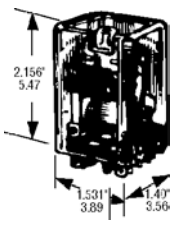
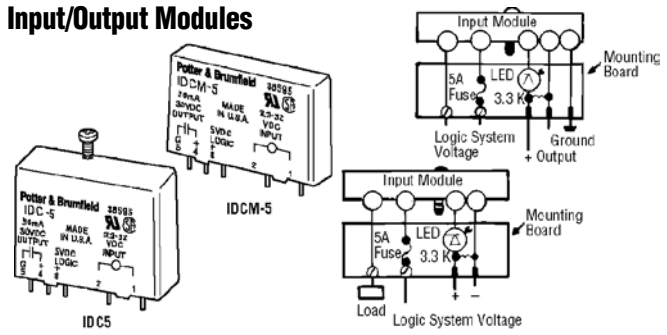
KUL Magnetic Latching Relays

Continuous duty single coil types. Uses a permanent magnet in parallel with normal magnetic circuit, requires only half the space of mechanical interlock types. Continuous latch condition even during loss of power. Contacts rated 10 amps at 28 VDC or 120 VAC, 80% power factor. **Temperature Range:** –45° to 70°C. All are DPDT. **Average Weight.:** 3½ oz.

Stock No.	Mfr.'s Type	Coil V	Coil Ohms	EACH 1-24	25-49	50-99
886-0763	KUL-11A15S-120	120 AC	3700	**34.80**	**30.78**	**28.41**
886-0766	KUL-11D15S-24	24 DC	472	**26.85**	**25.28**	**23.47**



Input/Output Modules



Slim Line Input/Output Modules
Slim line input/output modules provide interfacing between microprocessor- or computer-based control systems and external input devices and loads such as switches, sensors, valves and motor starters. Offered in four photo-isolated versions — AC input, AC output, DC input, DC output. Units are color-coded and have high isolation and noise immunity. Packaged in a 0.4" enclosure for replacement without disturbing wiring. On modules of the same voltage, output is compatible with input of the input module. Ideal for series operation. 1 Form A (SPST-NO).

Stock No.	Mfr.'s Type	Logic Voltage	Input MAX V	Input MAX mA	Output MAX mA	Output MAX m	EACH 1-24	25-49	50-99
886-7027	IACM-5	5 VDC	140 VAC	9	30 VDC	0.1	**9.74**	**9.26**	**8.31**
886-7029	IDCM-5	5 VDC	32 VDC	39	30 VDC	0.1	**9.74**	**9.26**	**8.31**
886-7030	OACM-5	5 VDC	8 VDC	28	280 VAC	3.0	**13.12**	**12.47**	**8.32**
886-7101	OACM-5H	5 VDC	8 VDC	28	280 VAC	5.0	**11.99**	**10.98**	**10.04**
886-7100	OACM-UH	3-15 VDC	15 VDC	44	280 VAC	5.0	**11.99**	**10.99**	**10.04**
886-7033	ODCM-5	5 VDC	8 VDC	21	60 VDC	3.0	**10.92**	**9.93**	**9.01**

Solid State Input/Output Modules
A reliable interface between microprocessor- or computer-based control systems and external input devices and loads, these photo-isolated modules feature excellent isolation and transient immunity. On modules of the same voltage type, AC or DC, the output of the output modules is compatible with the input of the input modules, making them ideal for series operation. Modules are color-coded and packaged in industry standard plug-in enclosure. Units interchange easily without disturbing wiring. UL recognized, CSA certified. Order mounting boards separately below.

Stock No.	Mfr.'s Type	Usage	Logic Voltage VDC	Typ. Input Current @ Nom. Input Voltage	Max. Load Current @ Max. Load Voltage	EACH 1-24	25-49	50-99
886-7034	IAC5	AC Input	5 VDC	8 mA @ 120 VAC	50 mA @ 30 VDC	**10.92**	**9.93**	**9.01**
886-7038	IAC5A	AC Input	5 VDC	6 mA @ 240 VAC	50 mA @ 30 VDC	**10.42**	**9.91**	**9.01**
886-7039	IAC15	AC Input	15 VDC	8 mA @ 120 VAC	50 mA @ 30 VDC	**10.47**	**9.60**	**8.77**
886-7035	IDC5	DC Input	5 VDC	13 mA @ 32 VDC	50 mA @ 30 VDC	**10.92**	**9.93**	**9.01**
886-7037	OAC5A	AC Output	5 VDC	24 mA @ 5 VDC	3 A @ 280 VAC	**14.04**	**12.72**	**11.54**
886-8008	OAC5	AC Output	5 VDC	20 mA @ 5 VDC	3 A @ 280 VAC	**11.03**	**9.93**	**9.01**
886-8002	OAC15	AC Output	15 VDC	25 mA @ 15 VDC	3 A @ 280 VAC	**10.46**	**9.70**	**8.77**
886-7105	OAC-5H	AC Output	5 VDC	24 mA @ 5 VDC	5 A @ 280 VAC	**11.99**	**10.98**	**10.04**
886-7036	ODC5	DC Output	5 VDC	18 mA @ 5 VDC	3 A @ 60 VDC	**10.91**	**9.93**	**9.01**

UL Recognized Mounting Boards for I/O Modules

Stock No.	Mfr.'s Type	No. of Module Positions	Approx. Dimensions L × W × H	EACH 1-24	25-49	50-99
886-7040	2IO4A	4	4.5 × 3.5 × 2.2"	**29.13**	**26.48**	**24.28**
886-7041	2IO8	8	8.4 × 3.5 × 2.2"	**56.66**	**51.94**	**47.93**
886-7042	2IO16	16	14.4 × 3.5 × 2.2"	**110.12**	**100.11**	**91.77**
886-7043	2IO24	24	18.75 × 4.5 × 2.2"	**161.59**	**148.12**	**136.73**
886-7111	2IOM24*	24	8 × 6 × 2.16"	**150.74**	**138.18**	**127.55**

*For slim line input/output modules.