

Dry Reed Relays

► Manufactured Under QS 9000 and ISO 9001

107, 171 and 172 DIP Dry Reed Relays

Contact Resistance: 200 milliohms typical. **Insulation Resistance:** 10¹⁰ ohms at 100 VDC minimum. **Dielectric Withstanding Voltage:** Between contacts — 200 VDC; Between coil and contacts — 1000 VDC. **Shock, Non-Operational:** 100 Gs, 11 ms @ ½ sine wave. **Vibration:** 20 Gs, 0-5000 Hz operating. **Ambient Temperature:** -15°C to 85°C.

Specifications

Type	Max. Switching Rating			Max. Carry Current
	Volt Amperes	Voltage DC	Current	
SPST-NO	10	100	0.50	1.5
SPST-NC	10	100	0.50	1.5
DPST-NO	10	100	0.50	1.5
SPDT	4	100	0.25	0.5
DPDT	10	100	0.50	1.0

Class 107DIP, SPST-NO, 0.5 Amp

Stock No.	Type	Fig.	Coil		EACH			
			Volts	Ohms	1-9	10-24	25-49	50-99
850-1550	W107DIP-1	1	5	500	3.83	3.54	3.24	2.99
850-1551	W107DIP-3	1	12	1200	3.83	3.54	3.24	2.99
850-1640	W107DIP-4	1	24	2200	4.33	3.84	3.32	3.25
850-1554	W107DIP-5	2	5	500	4.33	3.84	3.32	3.25
850-1642	W107DIP-7	2	12	1200	4.33	3.84	3.32	3.25
850-1643	W107DIP-8	2	24	2200	4.86	4.32	3.96	3.66

Class 171DIP, SPST-NO, 0.5 Amp (No Connection pin 9 and 13)

Stock No.	Type	Fig.	Volts	Ohms	EACH			
					1-9	10-24	25-49	50-99
850-1602	W171DIP-2	3	5	500	3.94	3.51	3.21	2.97
850-1604	W171DIP-4	3	12	1200	3.94	3.51	3.21	2.97
850-1605	W171DIP-5	3	24	2200	4.32	3.84	3.32	3.25
850-1607	W171DIP-7	4	5	500	4.32	3.84	3.32	3.25
850-1701	W171DIP-9	4	12	1200	4.32	3.84	3.32	3.25
850-1702	W171DIP-10	4	24	2200	5.53	4.90	4.49	4.14

Class 171DIP, SPST-NC, 0.5 Amp

Stock No.	Type	Fig.	Volts	Ohms	EACH			
					1-9	10-24	25-49	50-99
850-1703	W171DIP-12	5	5	500	6.09	5.42	4.96	4.58
850-1704	W171DIP-14	5	12	1200	6.09	5.42	4.96	4.58
850-1705	W171DIP-15	5	24	2200	6.20	5.49	5.03	4.64
850-1706	W171DIP-17	6	5	500	6.20	5.49	5.03	4.64
850-1729	W171DIP-19	6	12	1200	6.20	5.49	5.03	4.64
850-1708	W171DIP-20	6	24	2200	6.69	5.92	5.42	5.01

Class 171DIP, DPST-NO, 0.5 Amp

Stock No.	Type	Fig.	Volts	Ohms	EACH			
					1-9	10-24	25-49	50-99
850-1621	W171DIP-21	7	5	200	5.80	5.14	4.71	4.35
850-1652	W171DIP-23	7	12	500	5.80	5.14	4.71	4.35
850-1624	W171DIP-24	7	24	2200	6.20	5.49	5.03	4.64
850-1625	W171DIP-25	8	5	200	3.62	3.21	2.94	2.71
850-1627	W171DIP-27	8	12	500	6.20	5.49	5.03	4.64
850-1709	W171DIP-28	8	24	2200	6.69	5.92	5.42	5.01

Class 172DIP, SPDT, 0.25 Amp

Stock No.	Type	Fig.	Volts	Ohms	EACH			
					1-9	10-24	25-49	50-99
850-1631	W172DIP-1	9	5	200	7.79	6.81	6.24	5.76
850-1633	W172DIP-3	9	12	500	8.94	7.81	7.16	6.61
850-1634	W172DIP-4	9	24	2200	8.94	7.81	7.16	6.61
850-1635	W172DIP-5	10	5	200	8.07	7.07	6.48	5.98
850-1637	W172DIP-7	10	12	500	4.91	4.29	3.93	3.63
850-1638	W172DIP-8	10	24	2200	9.40	8.22	7.53	6.95

Class 172DIP, SPDT, 0.25 Amp

Stock No.	Type	Fig.	Volts	Ohms	EACH			
					1-9	10-24	25-49	50-99
850-1710	W172DIP-31	11	5	200	8.23	7.20	6.60	6.09
850-1711	W172DIP-33	11	12	500	8.37	7.33	6.71	6.20
850-1712	W172DIP-34	11	24	2200	8.53	7.46	6.83	6.31
850-1713	W172DIP-35	12	5	200	9.01	7.88	7.23	6.67
850-1714	W172DIP-37	12	12	500	9.01	7.88	7.23	6.67
850-1730	W172DIP-38	12	24	2200	9.36	8.18	7.50	6.92

Class 172DIP, SPDT, 0.25 Amp

Stock No.	Type	Fig.	Volts	Ohms	EACH			
					1-9	10-24	25-49	50-99
850-1716	W172DIP-141	13	5	200	7.13	6.34	5.81	5.37
850-1717	W172DIP-146	13	24	3200	7.49	6.66	6.10	5.63
850-1718	W172DIP-147	14	5	200	7.49	6.66	6.10	5.63
850-1719	W172DIP-149	14	12	1000	7.49	6.66	6.10	5.63
850-1720	W172DIP-150	14	24	3200	9.51	8.46	7.75	7.16

Class 172DIP, DPDT, 0.5 Amp

Stock No.	Type	Fig.	Volts	Ohms	EACH			
					1-9	10-24	25-49	50-99
850-1721	W172DIP-17	15	5	46	27.14	23.70	21.73	20.05
850-1722	W172DIP-19	15	12	266	27.14	23.70	21.73	20.05
850-1723	W172DIP-20	15	24	1066	27.14	23.70	21.73	20.05
850-1673	W172DIP-21	16	5	46	30.34	26.50	24.29	22.42
850-1724	W172DIP-23	16	12	266	30.34	26.50	24.29	22.42
850-1676	W172DIP-24	16	24	1066	30.34	26.50	24.29	22.42

Class 117SIP 4 Pin Reed Relays

The 117SIP has a pin spacing of 0.2 between pins. The 117SIP is rated @ 10 VA, 0.5 amp switching and can carry up to 1.5 amps.

117SIP, SPST-NO, without Clamping Diode

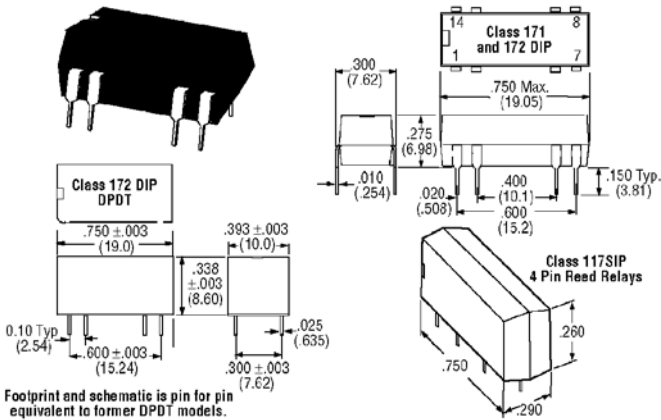
Stock No.	Type	Fig.	Volts	Ohms	1-9	10-24	25-49	50-99
850-1725	W117SIP-1	17	5	500	4.62	4.12	3.77	3.48

117SIP, SPST-NO, with Clamping Diode

Stock No.	Type	Fig.	Volts	Ohms	1-9	10-24	25-49	50-99
850-1558	W117SIP-6	18	5	500	4.91	4.38	4.01	3.70
850-1726	W117SIP-8	18	12	1870	4.91	4.38	4.01	3.70

117SIP, SPST-NC, with Clamping Diode

Stock No.	Type	Fig.	Volts	Ohms	1-9	10-24	25-49	50-99
850-1727	W117SIP-18	19	5	500	7.53	6.69	6.14	5.66
850-1728	W117SIP-25	19	12	1200	7.90	7.03	6.44	5.95



Footprint and schematic is pin for pin equivalent to former DPDT models.

Circuit Diagrams (Top View)

