

Square D™ Miniature Control Relays

8501R relays are suited for use as logic elements and power switching output devices. The short stroke motion of the armature provides long mechanical life required for high speed operation of control systems. Different contact compositions allow these relays to be used in a variety of applications. Bifurcated crossbar (gold overlay silver) is suitable for high contact reliability and low level switching requirements. Silver alloy is best suited for inductive loads. Class I Division II sealed relays can be used in specified hazardous locations.

- 4PDT
- Complete socket line
- Horsepower rated
- AC or DC operation
- Green pilot light option



8501NR45 Socket
+8501RS14V20 Relay



8501RS14V14



8501RSD24P14V60



8501RSD34V51

Table 23.49: Relays: Standard Cover, without LED

Coil Voltage	Number and Type of Contacts — Thermal current (Ith)	
	4PDT (4 C/O) — 6 A	4PDT (4 C/O) — 3 A
	Catalog Number	Catalog Number
12 Vdc	8501RSD14V51	8501RSD24V51
24 Vdc	8501RSD14V53	8501RSD24V53
48 Vdc	8501RSD14V56	8501RSD24V56
110 Vdc	8501RSD14V60	8501RSD24V60
24 Vac	8501RS14V14	8501RS24V14
120 Vac	8501RS14V20	8501RS24V20
240 Vac	8501RS14V24	8501RS24V24

Table 23.50: Relays: Standard Cover, with LED

Coil Voltage	Number and Type of Contacts — Thermal current (Ith)	
	4PDT (4 C/O) — 6 A	4PDT (4 C/O) — 3 A
	Catalog Number	Catalog Number
12 Vdc	8501RSD14P14V51	8501RSD24P14V51
24 Vdc	8501RSD14P14V53	8501RSD24P14V53
48 Vdc	8501RSD14P14V56	8501RSD24P14V56
110 Vdc	8501RSD14P14V60	8501RSD24P14V60
24 Vac	8501RS14P14V14	8501RS24P14V14
120 Vac	8501RS14P14V20	8501RS24P14V20
240 Vac	8501RS14P14V24	8501RS24P14V24

Table 23.51: Relays: Hermetically Sealed Miniature Control Relays

Coil Voltage	Number and Type of Contacts — Thermal current (Ith)	
	4PDT (4 C/O) — 5 A	
	Catalog Number	
6 Vdc	8501RSD34V50	
12 Vdc	8501RSD34V51	
24 Vdc	8501RSD34V53	
48 Vdc	8501RSD34V56	
110 Vdc	8501RSD34V60	
6 Vac	8501RS34V35	
12 Vac	8501RS34V36	
24 Vac	8501RS34V14	
48 Vac	8501RS34V17	
110 Vac	8501RS34V20	
240 Vac	8501RS34V24	