



- miniature pcb power relay
- Up to 8A /28VDC rating
- industry standard style
- Cost effective
- RoHS Compliant



## Contacts

Contact number & arrangement		DPST-NO (2 N/O), DPDT (2 C/O)	
Contact material		AgNi 90/10, AgSnO <sub>2</sub>	
Max. switching voltage	AC/DC	440VAC / 125VDC	
Max. switching power		2000VA	
Min. switching current / voltage		100mA/12VDC	
Rated load AC1		8A, 250VAC	
	DC1	8A, 30VDC	
Initial resistance		100mΩ, max. at 0.1A/6VDC	
Coil			
Rated voltage	DC	5110V	
	AC		
Must release voltage	DC	≥ 0.1Un	
	AC		
Operating range of supply voltage		See coil tables 1	
Rated power consumption	DC	400mW	
	AC		
Insulation			
Insulation resistance		≤ 1000MΩ at 500VDC, 50%RH	
Dielectric strength			
coil to contact		5000Vrms, 1min	
	contact to contact	1000Vrms, 1min	
General Data			
Operating time (typical)	mS	≤ 15ms	
Release time (typical)	mS	≤ 8ms	
Electrical Life	ops	≥ 1 x 10 <sup>5</sup>	
Mechanical life	ops	$\geq 1 \times 10^7$	
Dimensions	LxWxH	29 x 12.7 x 15.7mm	
Weight		13.5g	
Ambient temperature	storage	-40 to 85°C	
	operating	-40 to 85°C	
Shock resistance		Functional: 100m/s <sup>2</sup> ; Destructive: 1000m/s <sup>2</sup>	
		Functional. 100m/s, Destructive. 1000m/s	

## DX84 pcb power relay



Coil Data (DC voltage 400mW)

Table 1

Coil Voltage Code	Nominal Voltage (VDC)	Coil Resistance (Ω) ±10%	Must operate voltage max. (VDC)	Must release voltage min. (VDC)
1005	5	62	3.5	0.5
1006	6	90	4.2	0.6
1009	9	202	6.3	0.9
1012	12	360	8.4	1.2
1018	18	810	12.6	1.8
1024	24	1440	16.8	2.4
1048	48	5760 ±15%	33.6	4.8
1060	60	7500 ±15%	42.0	6.0
1110	110	25200 ±15%	77.0	11.0

## Ordering codes







