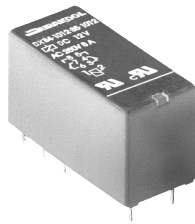


DX84

pcb power relay

DURAKOOL



- 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 ₂	
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	5...110V
	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 ⁵
Mechanical life	ops	≥ 1 x 10 ⁷
Dimensions	L x W x H	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 ² ; Destructive: 1000m/s ²	
Vibration resistance	DA 1.5mm 10-55Hz	

