



ULTRA -- MINIATURE PC BOARD TYPE POWER RELAYS

SRD - RELAY



UL,C-UL File NO.:E179745
TUV File NO.:R2024454
CQC File NO.:CQC02001002126

- Ultra-miniature size with universal terminal footprint
- High contact capacity:12A
- Sealed types available
- Low coil power consumption

SPECIFICATIONS

Contact

Arrangement	1a,1b,1c
Initial contact resistance,max. (By voltage drop 6 V DC 1A)	50m Ω
Contact material	Silver alloy
UL/C-UL rating	12A 125 VAC
Resistive load ($\cos\Phi=1$)	15A 125 VAC(NO) 10A 250VAC(NO)
Inductive load ($\cos\Phi=0.75-0.80$) only 1A Arrangement	10A 28VDC 7A 250 VAC 3A 125VAC
TUV rating	
Resistive load ($\cos\Phi=1$)	7A 240VAC 7A 28VDC
CQC rating	7A/28A 250VAC
Max.switching power	1,250 VA, 280 W
Max.switching voltage	250 VAC, 125 VDC
Max.switching current	12 A
Expected life(min.ope)	
Mechanical(at 180 cpm)	1×10^7
Electrical (at 20 cpm)	1×10^5

Coil

Nominal operating power	360 mW
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Characteristics

Operate time (at nominal voltage)	8 msec.
Release time (at nominal voltage)	5 msec.
Initial insulation resistance	100M Ω Min.(\geq)
Initial breakdown voltage	
Between contacts	750 Vrms
Between contacts and coil	1,500 Vrms
Temperature rise(max.) (at nominal voltage)	65 de
Operating humidity	45 to 85
Ambient temperature	-40 to +
Shock	Functional 10 G
resistance	Destruction 100 Gl
Vibration	Functional 10 to 55 Hz
resistance	Destruction 10 to 55 Hz
	amplitude c
	amplitude c
Unit weight	Approx.
UL/C-UL File NO.	E1797
TUV File NO.	R2024
CQC File NO.	CQC02001

TYPICAL APPLICATIONS

- Home appliances
Air conditioner,heater,etc.
- Office machines
PC, facsimile, etc.
- Vending machine
- Automotive Power-window,
car antenna,door-lock,etc.

ORDERING INFORMATION

Type	Protective construction	Number of pole	Coil voltage(DC)	Coil sensitivity	Contact for
SRD	Nil:Flux free type S: Sealed type	1:1 pole	3,5,6,9,12, 24,48 V	D:0.36W	Nil:1 form M:1 form B:1 form

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