



DRPS

Features

- Small size, 6A switching power.
- Multiple sockets optional.
- Green product **RoHS**.

Performance Parameters

Contact parameters

Contact form	1C
Contact material	AgSnO ₂
Resistive load	6A@277VAC/28VDC
Switch power	1500VA, 14W
Contact resistance (initial)	<100mΩ
Electrical life (1s on/1s off)	1C: >3*10 ⁶ (1s on, 9s off) 1C/P: >5*10 ⁶
Mechanical life (300cycle/min)	>1x10 ⁶ (18000 Opsh)

Coil parameters

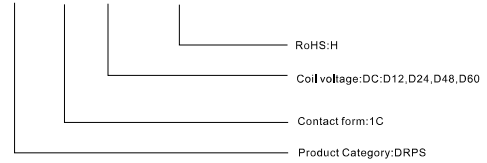
Rated voltage (DC)	DC12V	DC24V	DC48V	DC60V
Rated resistance (±10%)	147Ω	338Ω	1061Ω	2057Ω
Operate voltage	DC: $K75\%$(Rated voltage)			
Ridese voltage	DC: 3%(Rated voltage)			
Max input voltage	130% (Rated voltage)			
Coil power	0.17W			
Operate time	<math>< 6ms</math>			
Ridese time	<math>< 4ms</math>			

Universal parameters

Insulation resistance	1000MΩ(500VDC)
Dielectric voltage	
Between contacts	1000VAC/1min
Between contacts and coil	4000VAC/1min
Shock withstanding	5G
Vibration withstanding	1G-50Hz (Double amplitude 1.0mm)
Ambient temperature	-40...+85°C
Ambient humidity	5%~85%RH
Weight	5g
Matching socket	DRPF series, DRPF series
Min. switching load	1C: 100mA/6VDC 1C/P: 100mA/5VDC gold-plated 1C/P: XX-AU: 10mA/5VDC
Max. switching voltage	280VAC

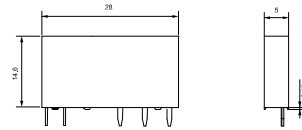
Model Order

DRPS - 1C - D24 - 06A(H)



Overall Dimensions

DRPS-1C



Installation Diagrams, Wiring Diagrams

DRPS-1C



DRPS-1C

