DAEYOUNG ELECTRIC

POWER RELAY

MODEL : DYSF-D12V-P2

FEATURES

- Switching capacity : 16A
- power consumption : 400 mW
- RoHS
- UL/C-UL, VDE, TUV, CQC

SPECIFICATIONS

CONTACT DATA

PARAMETER		VALUE	
Contact Arrangment		1 Form A	
Contact Material		Ag Alloy	
Contact Rating		Resistive Load (cosΦ=1) 16A 250VAC	Inductive Load (cosΦ=0.4) 9.5A 250VAC
		Resistive : 16A 250VAC	
Contact switching power		4000VA	
Min.switching Current		100mA 5VDC	
Contact switching Voltage		250VAC	
Contact switching Current		16A	
Contact resistance (Initial)		Max.100mΩ at 5VDC 1A	
Life Expectancy	Electrical	100.000 operations under rated load (900 ops/hour)	
	Mechanical	2,000,000 operations under no load (18,000 ops/hour)	

CHARCTERISTICS

PARAMETER		VALUE
Insulation resistance		Min.1,000MΩ at 500VDC
Dielectric Strength (Leak current 1mA)	Contacts between	1,000VAC,1 min,50/60Hz
	Line、contacts between	5,000VAC,1 min,50/60Hz
Operating time		Max. 6.5±0.5ms
Release time		Max. 5ms
Temperature range		-40 to +95℃
Storage temperature		-40 to +95℃
Temperature Rise coil		60k Max.by resistance method when 16A current is provide to contact and 110%of rated voltage to relay coil.

DAEYOUNG ELECTRIC

MINIATURE RELAY

COIL DATA

PARAMETER	VALUE
Nominal Voltage	12VDC
Coil Resistance	360Ω±10% at 23℃
Nominal Current	33.3 mA±10% at 23℃
Operating Voltage	9.0VDC Max
Release Voltage	1.2VDC Min at 23℃
Maximum Coil Voltage	15.6VDC (130%of Nominal Voltage)
Nominal Operating Power	400mW

DIMENSIONS