



### Features

- Auto control heater

### ORDERING INFORMATION

	<b>PR223 / 012</b>	<b>1A</b>
Type		
Coil voltage:	6, 12, 24VDC	
Contact arrangement:	1A:1 Form A	

### CONTACT DATA

Contact Arrangement		1A
Max. Switching current		20A
Max. Switching Voltage		24VDC
Contact Rating (resistive)		20A 14VDC
Max. Switching Power		240 W
Contact Material		AgNi AgSnO <sub>2</sub>
Initial Contact Resistance		50m Ω
Operational life	Electrical	1 × 10 <sup>5</sup> ops
	Mechanical	1 × 10 <sup>7</sup> ops

### COIL DATA

#### Standard Type

Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max Allowable Overdrive VDC 20°C	Coil Resistance Ω
6	4.2	0.6	4.5	30 ± 10%
12	8.4	1.2	9.0	120 ± 10%
24	16.8	2.4	18.0	480 ± 10%

## CHARACTERISTICS

Initial Insulation Resistance	100M $\Omega$ , 500VDC
Dielectric Strength	500VAC
Operate time(at nomi.Volt.)	25ms
Release time(at nomi.Volt.)	20ms
Power Consumption	1.2W
Destructive	490m/s <sup>2</sup> (g)
Shock Resistance	1.3mm, 10to55 Hz
Storage Temperature	-40°C to +105°C
Ambient Temperature	-40°C to +85°C
Unit weight	28g
Termination	Plug-in

