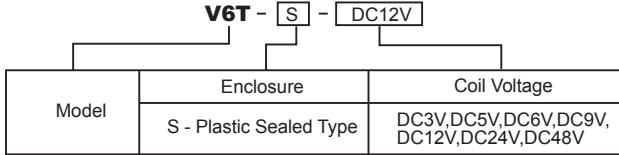




Features	
▪	Low profile, flat type relay
	Dimensions: 23.0×16.1×10.2(mm)
▪	Max. Switching capacity: 16A
▪	Lever type(Manual Operation)
▪	High sensitivity 200mW
Safety Approval	
	NO.E164730



## ORDERING INFORMATION



- Remarks: 1. Available in 1 Form A only  
 2. Coil voltage 3 to 24VDC - Coil power: 200mw, 48VDC: 250mw  
 3. Lever type

## SPECIFICATION

### CONTACT DATA

Contact Form	1 Form A	
Contact Material	Ag Alloy	
Contact Rating	Resistive: 16A 250VAC 16A 30VDC	
Contact Resistance	Max. 100mΩ (6VDC 1A)	
Load	Max. Switching Voltage	250VAC/30VDC
	Max. Switching Current	16A
	Max. Switching Power	4,000VA, 480W
	Min. Switching Load	5VDC, 100mA
Life	Electrical	50,000 operations
	Mechanical	10,000,000 operations

### COIL DATA

Nominal Coil Power	200mW
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### GENERAL DATA

Insulation Resistance		Min. 1000MΩ 500VDC
Dielectric Strength	Between open contacts	750VAC, 1min
	Between coil and contacts	2,500VAC, 1min
Operate Time		Max. 15ms
Release Time		Max. 8ms
Operating Temperature		-40°C to +85°C
Humidity		35~95%RH, +40°C
Shock Resistance	Endurance	1,000m/s <sup>2</sup>
	Misoperation	100m/s <sup>2</sup>
Vibration Resistance	Endurance	10~55Hz, 1.5mm double amplitude
	Misoperation	10~55Hz, 1.5mm double amplitude
Weight		Approximately 10.00g

Note: Data shown are of initial value

## SAFETY APPROVAL

File Number	Contact Form	Power Consumption	Coil Voltage	Contact Rating	Remarks
UL E164730	A	0.2W	3-48VDC	16A 250VAC	Class F Insulation Ambient Temperature: 85°C
				16A 30VDC	

Specifications subject to change without notice

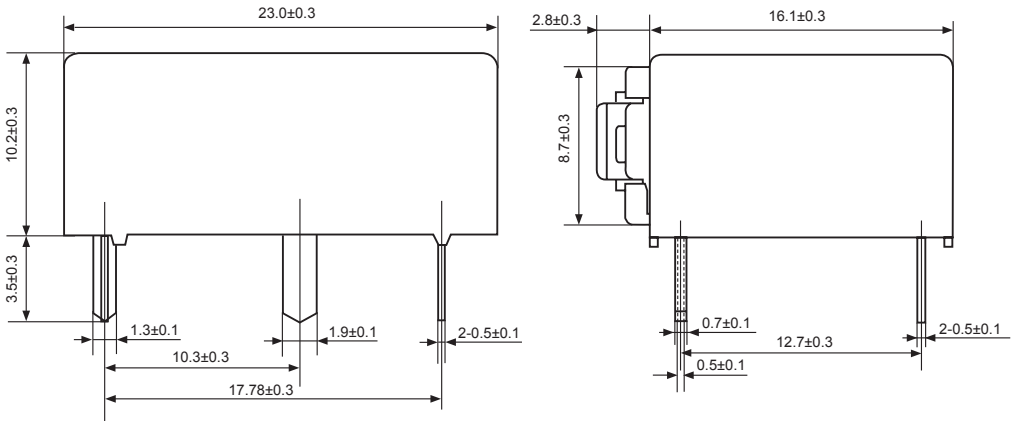
COIL DATA

Ambient Temperature: 23°C

Model	Nominal Voltage VDC	Coil Resistance $\Omega$ +/-10%	Operate Voltage $\leq$ VDC	Release Voltage $\geq$ VDC	Coil Power mW
V6T-S-DC3V	3	45	2.25	0.30	200
V6T-S-DC5V	5	125	3.75	0.50	
V6T-S-DC6V	6	180	4.50	0.60	
V6T-S-DC9V	9	405	6.75	0.90	
V6T-S-DC12V	12	720	9.00	1.20	
V6T-S-DC24V	24	2880	18.0	2.40	250
V6T-S-DC48V	48	9216	36.0	4.80	

OUTLINE, WIRING DIAGRAM, MOUNTING HOLE LAYOUT (UNIT: mm)

Outline



Mounting Hole Layout (Bottom View)

Wiring Diagram (Bottom View)

