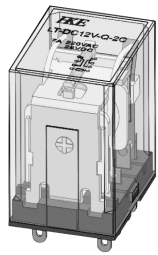
LT

POWER RELAY

Features

- Dimensions: 27.6×21.6×35.0(mm)
- Available in various types mounting terminals
- Contact form : 2A, 2B, 2C; 3A, 3B, 3C; 4A, 4B, 4C
- Transparent cover
- AC/DC Coil

Relay Picture



ORDERING INFORMATION

LT - DC12V - D - Q - 2A

	Coil Voltage	Parallel Diode	Terminal Type	Contact Form
Model	DC5V,DC6V,DC12V, DC24V,DC48V,DC110V AC6V,AC12V,AC24V,AC48V, AC110/120V,AC220/240V	D - With Diode Blank - Standard	Q - Quick Connect Terminal Blank - PCB Terminal	2A - 2 Form A 3A - 3 Form A 4A - 4 Form A 2B - 2 Form B 3B - 3 Form B 4B - 4 Form B 2C - 2 Form C 3C - 3 Form C 4C - 4 Form C

SPECIFICATION

CONTACT DATA

Contact Form		2 Form A，2 Form B，2 Form C 3 Form A，3 Form B，3 Form C 4 Form A，4 Form B，4 Form C
Contact Material		Ag Alloy
Contact Rating (Resistive)	2 Form,3 Form:	5A 220VAC/28VDC(Standard) 7A 220VAC/28VDC (High capability)
	4 Form:	3A 220VAC/28VDC(Standard) 5A 220VAC/28VDC(High capability)
Contact Resistance		Max.50mΩ(6VDC 1A)
Load	Max. Switching Voltage	250VAC/30VDC
	Max. Switching Current	2 Form, 3 Form: 3A, 7A
		4 Form: 3A, 5A
	Max. Switching Power	2 Form, 3 Form: 5A: 1100VA/140W 7A:1540VA/196W
		4 Form: 3A: 660VA/84W 5A:1100VA/140W
Life	Electrical	100,000 operations
	Mechanical	20,000,000 operations

COIL DATA

Nominal Coil Power	DC：900mW, 1100mW
	AC：1200mVA

GENERAL DATA

Insulation Resistance		Min.1000MΩ 500VDC
Dielectric Strength	Between open contacts	1,000VAC,1min
	Between coil and contacts	1,500VAC,1min
	Between contacts sets	1,500VAC,1min
Operate Time		Max.25ms
Release Time		Max.25ms
Operating Temperature		-40℃ to +70℃
Humidity		98%RH, +40℃
Shock Resistance	Endurance	1,000m/s^2
	Misoperation	100m/s^2
Vibration Resistance	Endurance	10~55Hz, 1 mm double amplitude
	Misoperation	10~55Hz, 1 mm double amplitude
Weight		Approximately 37.0g

Note:Data shown are of initial value

LT

POWER RELAY

COIL DATA

Ambient Temperature: 23℃

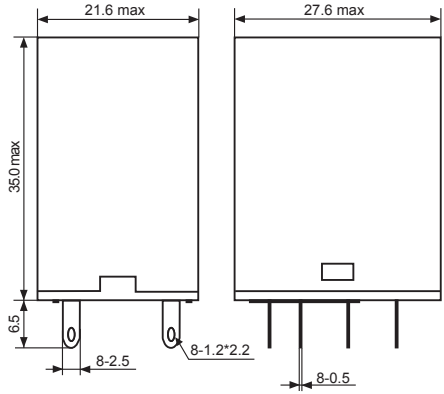
Model	Nominal Voltage VDC	Coil Resistance Ω+/-10%	Operate Voltage ≤VDC	Release Voltage ≥VDC	Coil Power mW
LT-DC5V	5	27.5	4.0	0.5	900
LT-DC6V	6	40	4.8	0.6	
LT-DC12V	12	160	9.6	1.2	
LT-DC24V	24	650	19.2	2.4	
LT-DC48V	48	2600	38.4	4.8	
LT-DC110V	110	11000	88.0	11.0	1100

Model	Nominal Voltage VAC	Coil Resistance Ω+/-10%	Operate Voltage ≤VAC	Release Voltage ≥VAC	Coil Power mVA
LT-AC6V	6	11.5	4.8	1.8	1200
LT-AC12V	12	46	9.6	3.6	
LT-AC24V	24	184	19.2	7.2	
LT-AC48V	48	735	38.4	14.4	
LT-AC110V/120V	110/120	4550	88	36	
LT-AC220V/240V	220/240	14400	176	66	

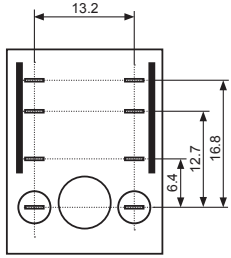
OUTLINE, WIRING DIAGRAM, MOUNTING HOLE LAYOUT (UNIT: mm)

2 Form - Quick Connect Terminal

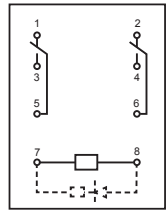
Outline



Mounting Hole Layout
(Bottom View)



Wiring Diagram
(Bottom View)

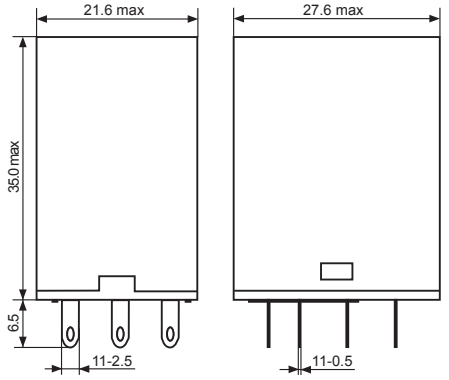


Remark: Form A: Without 1, 2 terminal
Form B: Without 3, 4 terminal

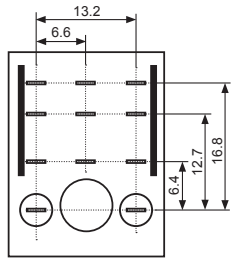
OUTLINE, WIRING DIAGRAM, MOUNTING HOLE LAYOUT (UNIT: mm)

3 Form - Quick Connect Terminal

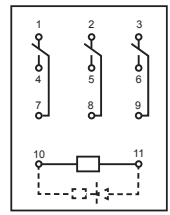
Outline



Mounting Hole Layout
(Bottom View)



Wiring Diagram
(Bottom View)



Remark: Form A: Without 1, 2, 3 terminal
Form B: Without 4, 5, 6 terminal

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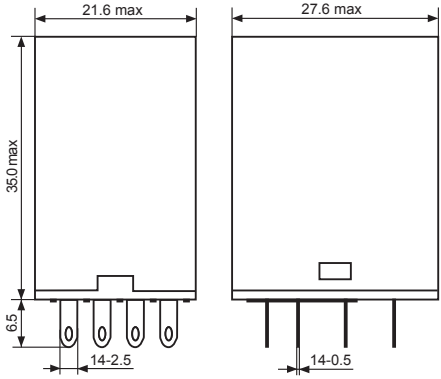
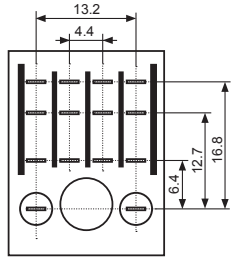
4 Form - Quick Connect Terminal

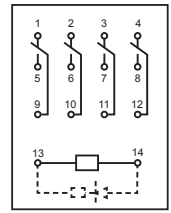
Outline



Mounting Hole Layout
(Bottom View)



Wiring Diagram
(Bottom View)

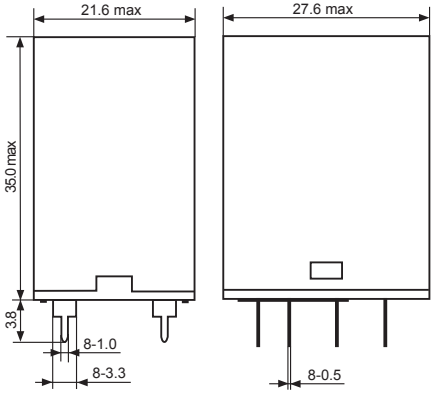


Remark: Form A: Without 1, 2, 3, 4 terminal
Form B: Without 5, 6, 7, 8 terminal

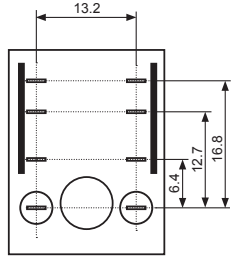
OUTLINE, WIRING DIAGRAM, MOUNTING HOLE LAYOUT (UNIT: mm)

2 Form - PCB Terminal

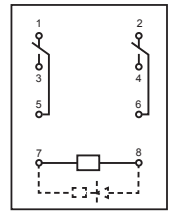
Outline



Mounting Hole Layout
(Bottom View)



Wiring Diagram
(Bottom View)



Remark: Form A: Without 1, 2 terminal
Form B: Without 3, 4 terminal

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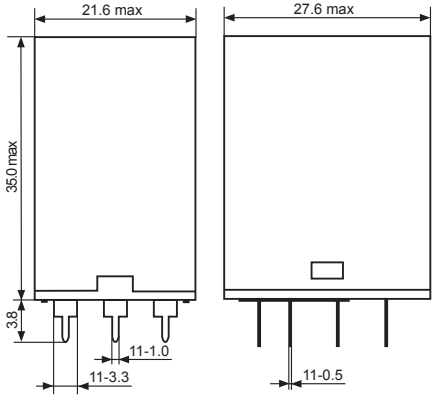
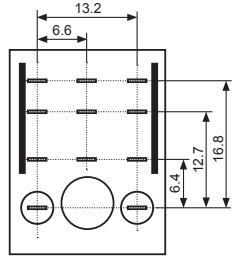
3 Form - PCB Terminal

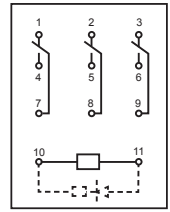
Outline



Mounting Hole Layout
(Bottom View)



Wiring Diagram
(Bottom View)

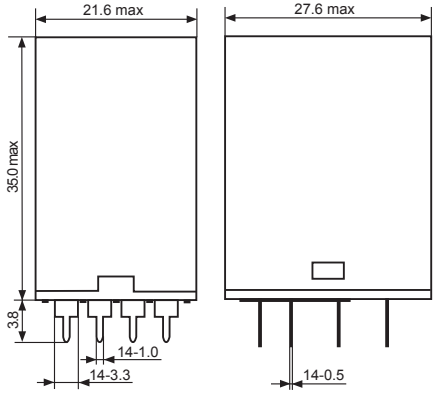


Remark: Form A: Without 1, 2, 3 terminal
Form B: Without 4, 5, 6 terminal

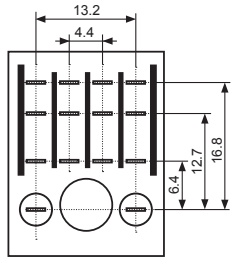
OUTLINE, WIRING DIAGRAM, MOUNTING HOLE LAYOUT (UNIT: mm)

4 Form - PCB Terminal

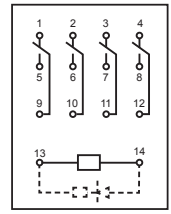
Outline



Mounting Hole Layout
(Bottom View)



Wiring Diagram
(Bottom View)



Remark: Form A: Without 1, 2, 3, 4 terminal
Form B: Without 5, 6, 7, 8 terminal