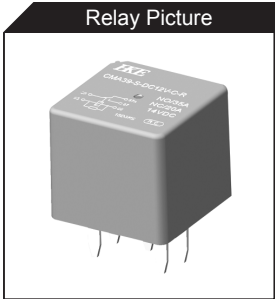




- ### Features
- 2.8mm of quick flat connection terminal
 - Contact: 1 Form A , 1 Form C
 - 125°C of working temperature
 - Available for Sealed type or bayonet-type
 - Compliance for Rohs and ELV directive



ORDERING INFORMATION

CMA39 - [S] - [DC12V] - [A] - [R]

	Enclosure	Coil Voltage	Contact Form	Parallel Electronic Component
Model	S - Plastic Sealed Type Blank - Bayonet type	DC12V DC24V	A - 1 Form A C - 1 Form C	Blank-Standard R- With Resistor (12V - 680Ω, 24V - 2700Ω) D - With Diode

SPECIFICATION

CONTACT DATA

Contact Form	1 Form A, 1 Form C	
Contact Material	Ag Alloy	
Contact Rating	NO:35A 14VDC NC:20A 14VDC	
Contact Resistance	Max.100mΩ(6VDC 1A)	
Load	Max.Continuous Current	40A(125°C, 1h)
	Max. Switching Current	Make:150A(lamp) Break:35A
	Min. Switching Load	1A 6VDC
Life	Electrical	100,000 operations
	Mechanical	10,000,000 operations

COIL DATA

Nominal Coil Power	1.6W
Nominal Coil Power (With Resistor)	1.8W
Max. Permitted Coil Voltage	20.2VDC(23°C) 15.7VDC(85°C)

GENERAL DATA

Insulation Resistance	Min.100MΩ 500VDC	
Dielectric Strength	Between open contacts	550VAC,50/60Hz,1 min
	Between coil and contacts	550VAC,50/60Hz,1 min
Operate Time	Max.10ms	
Release Time	Max.10ms	
Operating Temperature	-40°C to +125°C	
Humidity	5~85%RH	
Shock Resistance	196m/s ² (20g)	
Vibration Resistance	10Hz~40Hz,1.27mm double amplitude	
	40Hz~70Hz,49m/s ² (5g)	
	70Hz~100Hz,0.5mm double amplitude 100Hz~500Hz,98m/s ² (10g)	
Weight	Approximately 35.00g	

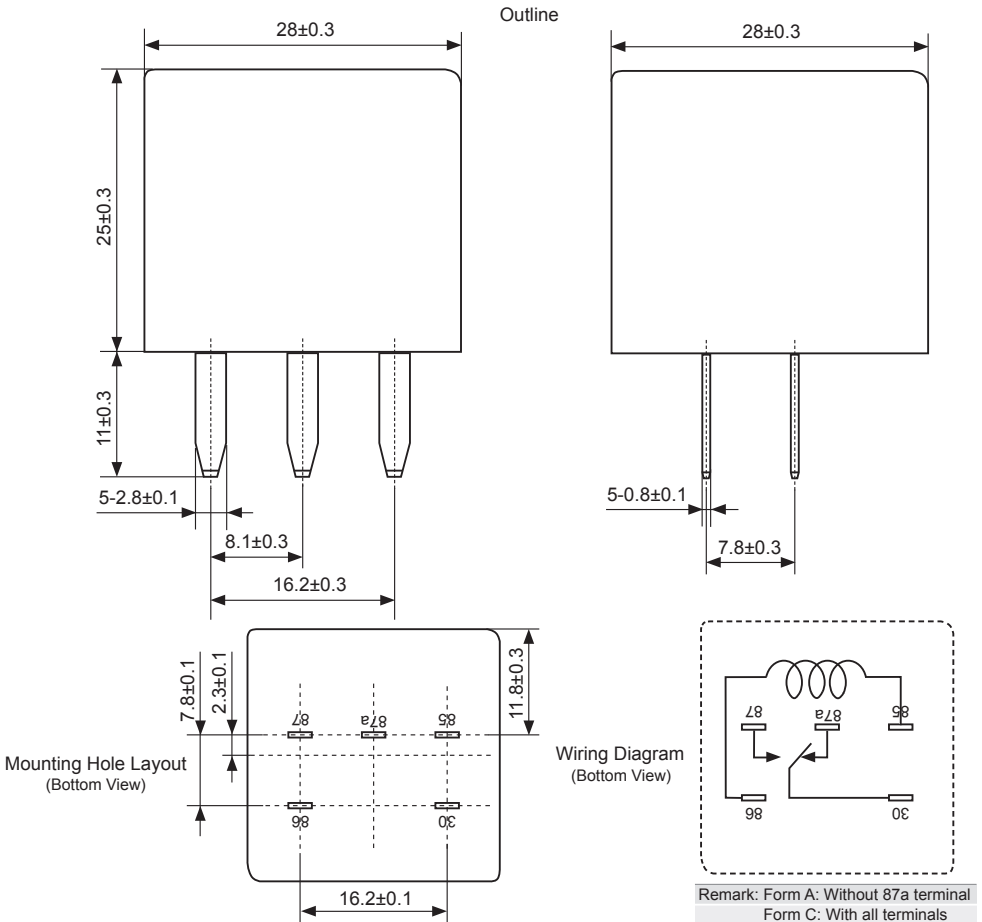
Note:Data shown are of initial value

COIL DATA

Ambient Temperature: 23°C

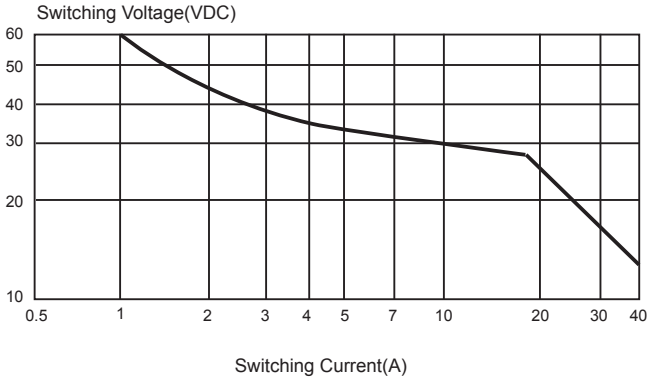
Model	Nominal Voltage VDC	Coil Resistance $\Omega \pm 10\%$	Parallel resistor ($1 \pm 5\%$) Ω	Equivalent Resistance $\Omega \pm 10\%$	Operate Voltage \leq VDC	Release Voltage \geq VDC	Coil Power W
CMA39-(S)-DC12V	12	90	-	-	7.2	1.2	1.6
CMA39-(S)-DC12V (R)	12	90	680	79.5	7.2	1.2	1.8
CMA39-(S)-DC24V	24	360	-	-	14.4	2.4	1.6
CMA39-(S)-DC24V (R)	24	360	2700	317.6	14.4	2.4	1.8

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



REFERENCE DATA

1. Max. range of permitted load



Note:

- (1) It is available for 12VDC of coil voltage, NO contact and resistive load
- (2) Please do test again when one of the voltage, current, operate frequency is different from the specified.

2. The temperature curve for endurance test

