

➤ **FEATURES :**

1. DPDT configuration
2. DIP standard terminals
3. High sensitivity
4. UL & RoHS certification.



➤ **COIL DATA at 20°C**

Nominal Voltage(VDC)	3	5	6	9	12	24	48	
Coil Resistance ($\Omega \pm 10\%$)	60	167	240	540	960	3840	-	0.15W
Rated Current(mA)	50	29.9	25	16.7	12.5	6.25	-	
Pick Up Voltage(VDC)	2.4	4	4.8	7.2	9.6	19.2	-	
Min Release Voltage(VDC)	0.15	0.25	0.30	0.45	0.6	1.2	-	
Coil Resistance ($\Omega \pm 10\%$)	45	125	180	405	720	2880	-	0.20W
Rated Current(mA)	66.7	40	33.3	22.2	16.7	8.3	-	
Pick Up Voltage(VDC)	2.25	3.75	4.5	6.75	9	18	-	
Min Release Voltage(VDC)	0.3	0.5	0.6	0.9	1.2	2.4	-	
Coil Resistance ($\Omega \pm 10\%$)	25	70	100	220	400	1600	6400	0.36W
Rated Current(mA)	120	72	60	40	30	15	85	
Pick Up Voltage(VDC)	2.25	3.75	4.5	6.75	9	18	36	
Min Release Voltage(VDC)	0.3	0.5	0.6	0.9	1.2	2.4	4.8	
Coil Resistance ($\Omega \pm 10\%$)	20	56	80	180	320	1280	5100	0.45W
Rated Current(mA)	150	89.2	75	50	37.5	18.7	10.6	
Pick Up Voltage(VDC)	2.25	3.75	4.5	6.75	9	18	36	
Min Release Voltage(VDC)	0.3	0.5	0.6	0.9	1.2	2.4	4.8	

➤ CONTACT DATA

CONTACT FORM	2C
CONTACT MATERIAL	Silver alloy
LOAD	Resistive load(COSΦ=1)
CONTACT RATINGS	1A 120VAC , 2A 24VDC
MINIMUM LOAD	1mA 5VDC
MAX SWITCHING VOLTAGE	240VAC/60VDC
MAX SWITCHING CURRENT	2A
MAX SWITCHING POWER	120VA/60W
CONTACT RESISTANCE	100mΩMax at 6VDC 1A
LIFE EXPECTANCY	Electrical 100,000Operations(at30Operations/minute)
	Mechanical : 10,000,000 Operations(at300Operations/minute)

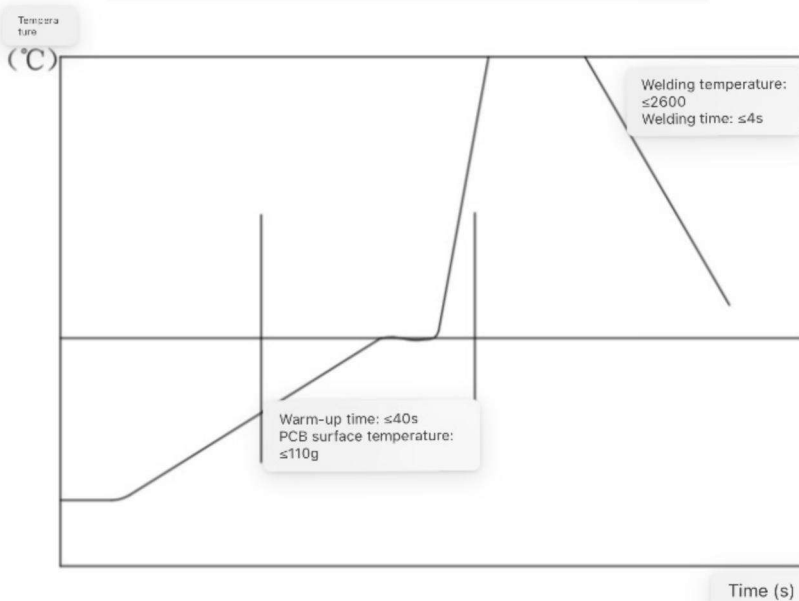
➤ ORDERING FORM

MODEL TYPE	CONTACT FORM	COIL POWER	COIL VOLTAGE
1	2	3	4
EF29	2C: FORM 2C	N=0.45W, D=0.36W L=0.2W, M=0.15W	3,5,6,9,12,24,48V DC

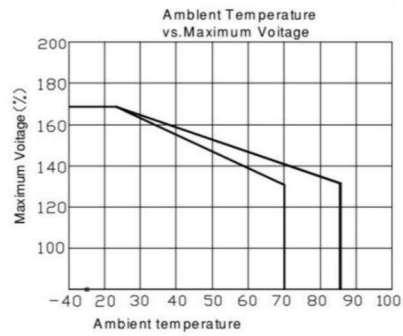
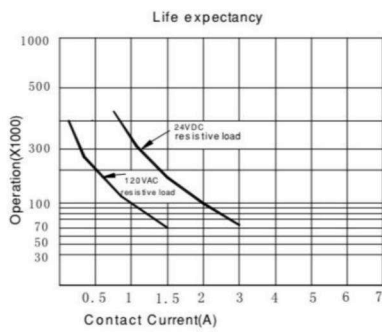
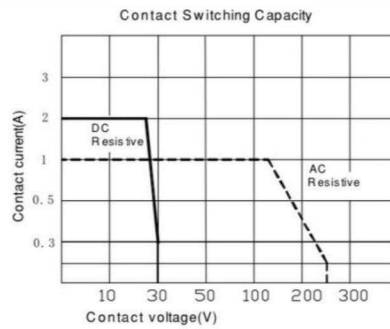
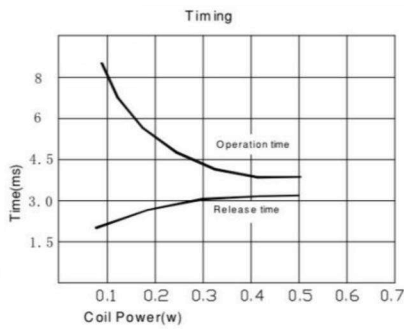
➤ CHARACTERISTICS

Insulation Resistance	100MΩMin at 500VDC
Dielectric Strength Between Open Contacts	500VAC(for one minute)
Between Contacts and coil	1000VAC(for one minute)
Operate Time	8ms
Release Time	4ms
Temperature Range	-30°C to+85°C
Shock Resistance	Operating Extremes :10G
	Damage Limits: 50G
Vibration Resistance	10-55Hz, 1.5mm
Max. switching frequency	Mechanical:18,000operations/hr
	Electrical:1,800operations/hr
Humidity	40-85%
Weight	Approx 5g
Safety Standard	UL

Recommended temperature curve for wave

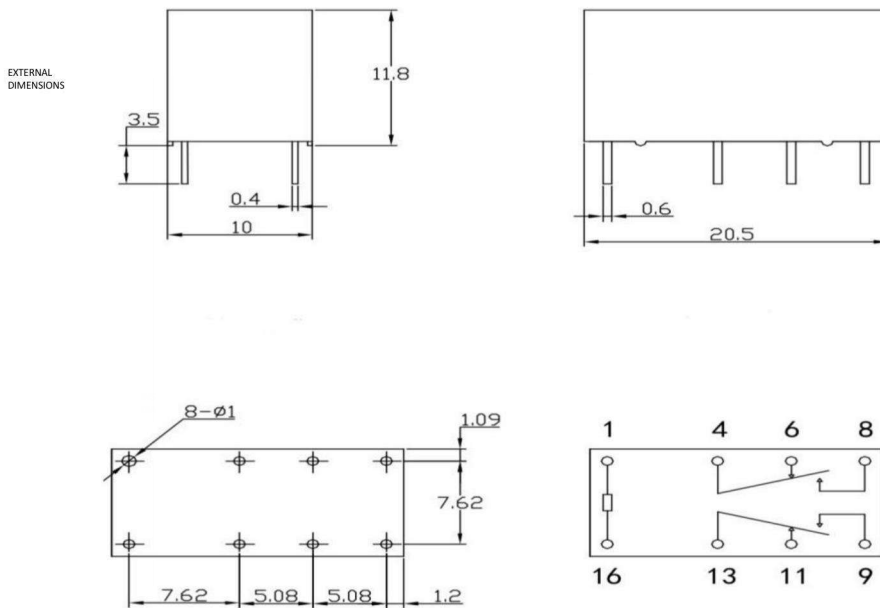


➤ ENGINEERING DATA



➤ OVERALL MOUNTING DIMENSIONS

2C



Note: 1) The size tolerance is not noted in the external dimensions of some parts of the product: when the external dimensions are ≤1mm, the tolerance is 0.2mm; when the external dimensions are 1~5mm, the tolerance is 0.3mm
 2) When the external size is >5mm, the tolerance is 0.4mm. The unfilled size tolerance in the size of the installation hole is 0.1mm.