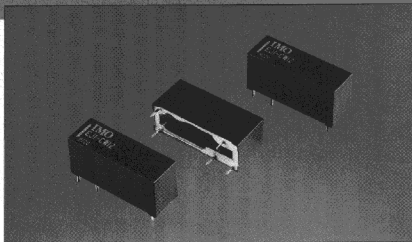


- 8 amp SPDT contact
- Fully sealed for immersion cleaning
- Nitrogen filled for long term integrity and performance
- High sensitivity coil 220-280 mW
- High Isolation – 5kV Coil – Contacts
- Conforms to UL, CSA, VDE, SEV, SEMKO, BSI.



### Part Numbers

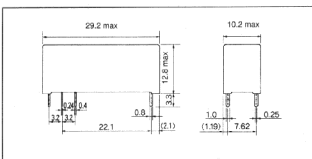
Part Number	Nominal Coil Voltage (V. DC)	Coil Resistance ( $\Omega$ ) $\pm$ 10% (at 20°C)	Must Operate Voltage (V. DC) (at 20°C)	Must Release Voltage (V. DC) (at 20°C)
EJ1-CW5	5	112	3.5	0.5
EJ1-CW12	12	660	8.5	1.2
EJ1-CW24	24	2350	16.8	2.4
EJ1-CW48	48	8000	33.4	4.8

Maximum Coil Voltage 150% Nominal at 70°C Maximum

### Specifications

<b>Contact Form</b>		1 – Form C (SPDT)
<b>Contact Rating</b>	<b>Maximum Switching Power</b>	2000 VA / 192 W
	<b>Maximum Switching Voltage</b>	230 V. AC / 150 V. DC
	<b>Maximum Switching Current</b>	8 A
	<b>Maximum Carrying Current</b>	10 A
	<b>Minimum Load (reference value)</b>	5V 100mA
<b>Initial Contact Resistance – Measured at 1A 6VDC</b>		30 m $\Omega$ maximum
<b>Contact Material</b>		Silver Alloy Au Plate
<b>Nominal Operating Power</b>		220 – 280 mW
<b>Operate Time (excluding bounce) – at nominal voltage</b>		Approximately 10 ms
<b>Release Time (excluding bounce) – at nominal voltage</b>		Approximately 5 ms without diode
<b>Insulation Resistance</b>		1000 M $\Omega$ at 500 V. DC
<b>Breakdown Voltage</b>	<b>Between Open Contacts</b>	1000 V. AC (for 1 minute)
	<b>Between Coil and Contacts</b>	5000 V. AC (for 1 minute)
	<b>Surge Strength</b>	10000 V (1.2 x 50 $\mu$ S Impulse)
<b>Shock Resistance – 11mS ½ sine</b>		10 G (misoperating) 100 G (endurance)
<b>Vibration Resistance</b>		10-55Hz 1.65 mm pl-pk (misoperation) 3.3mm (endurance)
<b>Ambient Temperature – at nominal coil voltage</b>		40 to +85°C
<b>Coil Temperature Rise</b>		40 degrees at nominal coil voltage
<b>Life Expectancy</b>	<b>Mechanical</b>	5 x 10 <sup>6</sup> operations
	<b>Electrical</b>	1 x 10 <sup>6</sup> operations at 8A 250 V. AC/24 V. DC Res
<b>Weight</b>		Approx. 5 grams

### Dimensions mm



### PCB Layout and Schematics

