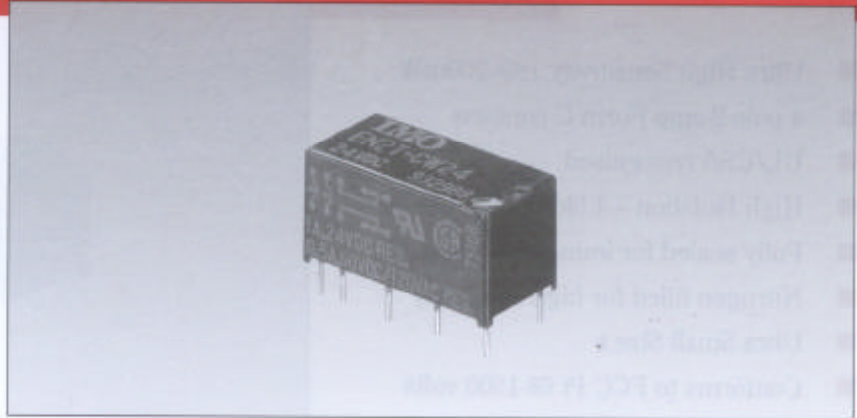


- Twin Coil Latching Relay
- DIL Package
- Fully sealed for immersion cleaning
- Nitrogen Filled and Bifurcated Contacts for high reliability
- Conforms to FCC Pt 68 – 1500V between Coil and Contacts



Part Numbers

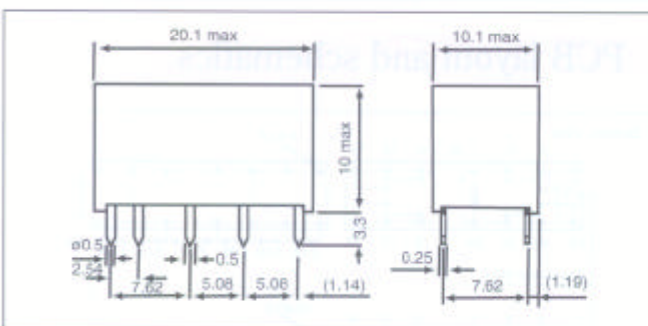
Part Number	Nominal Coil Voltage (VDC)	Coil Resistance ($\Omega \pm 10\%$ (at 20°C))	Must Set Voltage 5mS min. Pulse – P coil (at 20°C)	Must Reset Voltage 5mS min. Pulse – S coil (at 20°C)
EN2T-CW5	5	167	3.4	3.4
EN2T-CW12	12	960	8.1	8.1
EN2T-CW24	24	2880	16.1	16.1
EN2T-CW48	48	11520	32.2	32.2

Maximum coil voltage 150% at 70°C. Minimum pulse length 5mS

Specifications

Contact form	2C (DPDT)	
Contact rating	Maximum switching power	125 VA / 60 W
	Maximum switching voltage	250 VAC / 250 VDC
	Maximum switching current	2A
	Maximum carrying current	2A
	Minimum load (reference value)	10 mV 0.01mA
Initial contact resistance	100 m Ω Max. Typically <40 m Ω	
Contact material (fixed/moving)	Silver Palladium + Au overlay/Silver Palladium	
Nominal operating power	150-200 mW	
Operate time (excluding bounce)	Approximately 6 mS	
Release time (excluding bounce)	Approximately 6mS	
Insulation resistance	1000 M Ω at 500 VDC	
Breakdown voltage	Between open contacts	1000 VAC (for 1 minute)
	Between adjacent contacts	1500 VAC (for 1 minute)
	Between coil and contacts	1500 VAC (for 1 minute)
Shock resistance	50 G (misoperating)	
Vibration resistance	10-55Hz 5mm pk-pk (misoperating)	
Ambient temperature	-40°C to +80°C	
Life expectancy	Mechanical	20 x 10 ⁶ operations
	Electrical	2 x 10 ⁶ operations at 0.5A 120 VAC, 5 x 10 ⁶ IA 24 VDC
Weight	Approx. 3.7 grams	

Dimensions mm



PCB layout and schematics

