



**Rely on ECE's Relays,  
and You Always Relax!**

## GENERAL CONTROL RELAY ETR RW/RWH SERIES

勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-34970699  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

### FEATURES

- High switching current up to 15A in small size.
- Sugar-Cube relay suitable for various applications.
- UL, C-UL & TÜV safety standard approved.
- UL Class F insulation available.
- Highly adapt to harsh conditions with high temperature and vibration.
- Halogen Free series available.
- Comply with RoHS and REACH regulations.
- In accordance with IEC 60335-1 Glow Wire requirements for home.

### SPECIFICATIONS

Contact Resistance	Max. 100mΩ at initial value. @1A,6VDC	
Contact Capacity	RW	12 Amps at 120VAC Cosφ=1 10 Amps at 120VAC Cosφ=1 10 Amps at 24VDC L/R=0
	RWH	12 Amps at 250VAC Cosφ=1 (UL) 10 Amps at 277VAC Cosφ=1 (TUV) 15 Amps at 120VAC Cosφ=1 15 Amps at 24VDC L/R=0
Operate Time	10m Sec. Max.	
Release Time	5m Sec. Max.	
Dielectric Strength	Between coil & Contact: 1000VAC at 50/60Hz for one minute Between Contacts: 500VAC at 50/60Hz for one minute	
Insulation Resistance	100MΩ Min. at 500VDC	

### COIL SPECIFICATION AT 20°C

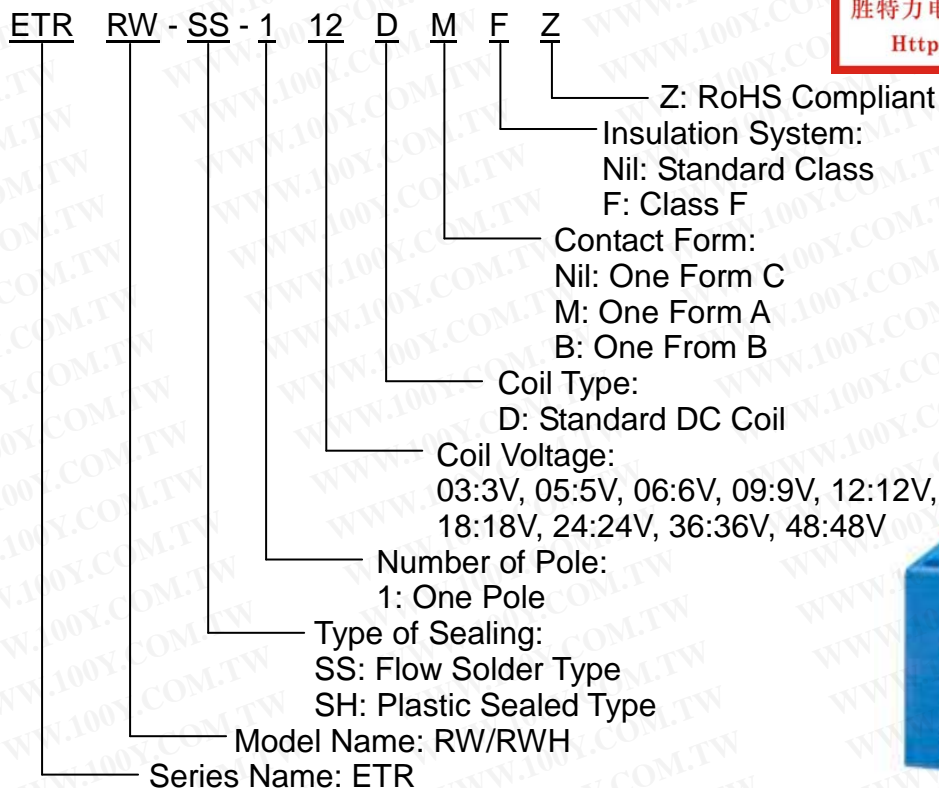
Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance (Ω±10%)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Max. Allowable Voltage (VDC)
RW/RWH	3	120	25	Abt. 0.36	75% Max.	5% Min.	130%
	5	71.4	70				
	6	60	100				
	9	40	225				
	12	30	400				
	18	20	900				
	24	15	1,600				
	36	10	3,600				
	48	7.5	6,400				



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### ■ PART NUMBER SYSTEM



\*Marking without: "ETR" & "Z".

### ■ DIMENSIONS ( $\leq 5\text{mm} \pm 0.2\text{mm}$ , $> 5\text{mm} \pm 0.3\text{mm}$ , the tolerance of PCB thru hole: $+0.1\text{mm}$ )

