

CONVENTIONAL TYPE REED RELAY EDR0 01,02,03 SERIES



EDR001



EDR002



EDR003

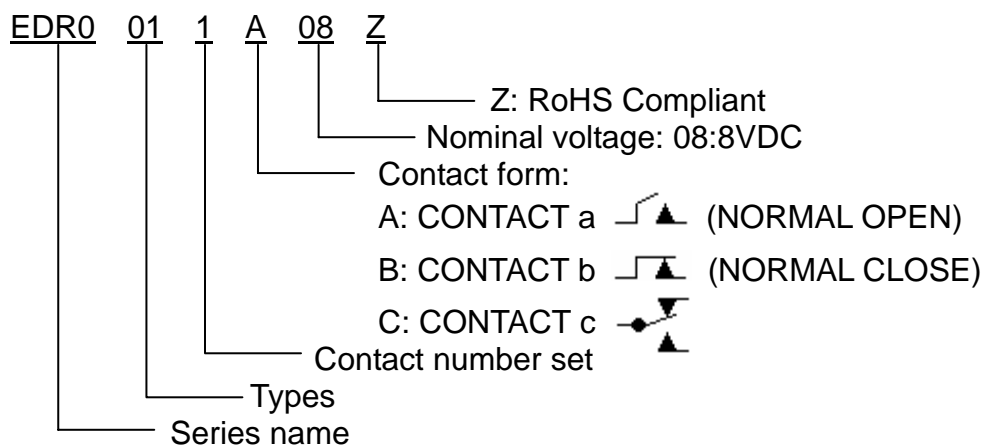
■ FEATURES

- 2.54 mm IC terminal arrangement.
- High switching speed and low bounce time.
- Use gas tube sealed switch to prevent dust, gas and humidity influence.
- Wide operate voltage range and low power consumption.
- Ideal for use on cordless telephone, multifunction telephone, modem, burglar alarm etc..

■ SPECIFICATIONS

Types	01	02	03
Contact Form	1A,1B	1A,1B	1A,1B
Contact Rating			
Maximum switching power	10 VA	10 VA	10 VA
Maximum switching voltage	100 VDC	100 VDC	100 VDC
Maximum switching current	0.5A	0.5A	0.5A
Maximum carry current	1.0A	1.0A	1.0A
Nominal Input Power			
Reference 5V Version	50 mW	50 mW	50 mW
Contact Resistance, Initial	150 mΩ	150 mΩ	150 mΩ
Life Expectancy			
Signal level load(ref 10VDC,10mA)	10x10 ⁶	10x10 ⁶	10x10 ⁶
Timing (at nominal VDC, 25Hz drive, 50% duty cycle with diode suppression)			
Operate time, maximum (Including Bounce)	1.0 ms	1.0 ms	1.0 ms
Release time, maximum	0.5 ms	0.5 ms	0.5 ms
Dielectric Voltage			
Coil to contact	500 VAC	500 VAC	500 VAC
Across contacts	200 VDC	200 VDC	200 VDC
Insulation Resistance(Ω)	100x10 ⁶	100x10 ⁶	100x10 ⁶
Temperature Range	-10°C to +60°C	-10°C to +60°C	-10°C to +60°C
Shock Resistance	30G Min.	30G Min.	30G Min.
Electrical Life at Rated Load	10 ⁶	10 ⁶	10 ⁶
Package Type	OPEN	METAL	PLASTIC
Can Be Found In This Section of Brochure	PITCH 20.32+2.54mm	PITCH 20.32+2.54mm	PITCH 20.32+2.54mm

■ PART NUMBER SYSTEM



Part Number	Nominal Voltage(VDC)	Coil Resistance (Ohms+/-10%)	Nominal Input Power(mW)	Must Operate Voltage(VDC)	Must Release Voltage(VDC)	Maximum Voltage(VDC)
EDR0011A03	3	500	18	2.4	0.8	11.0
EDR0011A05	5	500	50	3.2	0.8	11.0
EDR0011A06	6	500	72	3.8	0.8	11.0
EDR0011A08	8	700	92	6.0	0.8	18.0
EDR0011A09	9	700	116	6.0	0.8	18.0
EDR0011A12	12	1050	138	8.0	0.8	22.0
EDR0011A24	24	2080	277	16.0	0.8	32.0
EDR0011B03	3	500	18	2.4	0.8	3.6
EDR0011B05	5	500	50	3.75	0.8	6.0
EDR0011B06	6	500	72	4.5	0.8	7.2
EDR0011B08	8	700	92	6.0	0.8	9.6
EDR0011B09	9	700	116	6.75	0.8	10.8
EDR0011B12	12	1050	138	9.0	0.8	14.4
EDR0011B24	24	2080	277	18.0	0.8	28.8
EDR0021A03	3	500	18	2.4	0.8	11.0
EDR0021A05	5	500	50	3.2	0.8	11.0
EDR0021A06	6	500	72	3.8	0.8	11.0
EDR0021A08	8	700	92	6.0	0.8	18.0
EDR0021A09	9	700	116	6.0	0.8	18.0
EDR0021A12	12	1050	138	8.0	0.8	22.0
EDR0021A24	24	2080	277	16.0	0.8	32.0
EDR0021B03	3	500	18	2.4	0.8	3.6
EDR0021B05	5	500	50	3.75	0.8	6.0
EDR0021B06	6	500	72	4.5	0.8	7.2
EDR0021B08	8	700	92	6.0	0.8	9.6
EDR0021B09	9	700	116	6.75	0.8	10.8
EDR0021B12	12	1050	138	9.0	0.8	14.4
EDR0021B24	24	2080	277	18.0	0.8	28.8
EDR0031A03	3	500	18	2.4	0.8	11.0
EDR0031A05	5	500	50	3.2	0.8	11.0



Part Number	Nominal Voltage(VDC)	Coil Resistance (Ohms+/-10%)	Nominal Input Power(mW)	Must Operate Voltage(VDC)	Must Release Voltage(VDC)	Maximum Voltage(VDC)
EDR0031A06	6	500	72	3.8	0.8	11.0
EDR0031A08	8	700	92	6.0	0.8	18.0
EDR0031A09	9	700	116	6.0	0.8	18.0
EDR0031A12	12	1050	138	8.0	0.8	22.0
EDR0031A24	24	2080	277	16.0	0.8	32.0
EDR0031B03	3	500	18	2.4	0.8	3.6
EDR0031B05	5	500	50	3.75	0.8	6.0
EDR0031B06	6	500	72	4.5	0.8	7.2
EDR0031B08	8	700	92	6.0	0.8	9.6
EDR0031B09	9	700	116	6.75	0.8	10.8
EDR0031B12	12	1050	138	9.0	0.8	14.4
EDR0031B24	24	2080	277	18.0	0.8	28.8

■ DIMENSIONS (UNIT: mm)

