

RELIABILITY FOR APPLYING DRY CIRCUIT

Type	Voltage and Current	No. of Testing Samples	Failure Criterion	Result	Failure Rate (λ_{60}) *2
R14U	1V 1mA	40	Opening Failure Contact resistance 50 Ω	No failure	4.6×10^{-9}
	5V 1mA	200	Opening Failure Contact resistance 50 Ω	No failure	9.2×10^{-10}

Note 1 Operating Conditions

- 10Hz of make-break frequency
- 5,000,000 operations
- Resistance between contacts (opening and closing) is checked per operation

*2 Refer to page 8