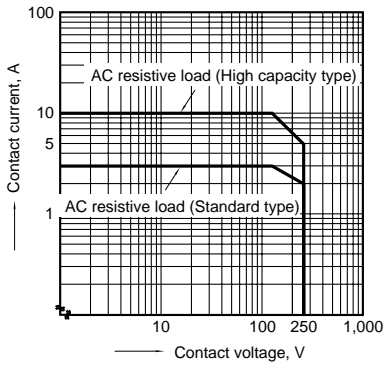


3. Expected electrical life

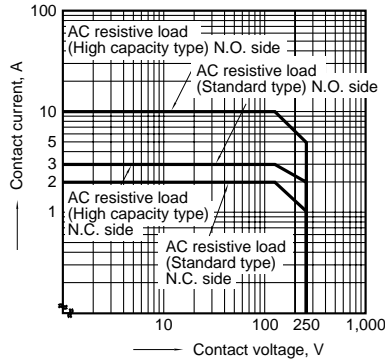
Type		Switching capacity		No. of operations
Standard type	1 Form A	5 A 125 V AC		5×10 ⁴
		3 A 125 V AC		2×10 ⁵
	1 Form C	2 A 250 V AC		2×10 ⁵
		5 A 30 V DC		10 ⁵
High capacity type	1 Form A	5 A 125 V AC		5×10 ⁴
		3 A 125 V AC		2×10 ⁵
	1 Form C	2 A 250 V AC		2×10 ⁵
		5 A 30 V DC		10 ⁵

REFERENCE DATA

1.-(1) Max. switching capacity (1 Form A type)



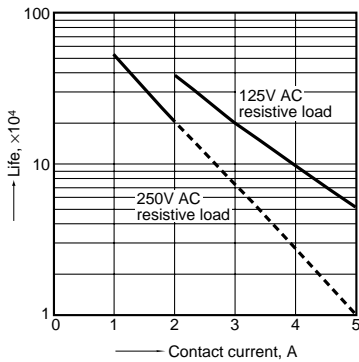
1.-(2) Max. switching capacity (1 Form C type)



Standard type

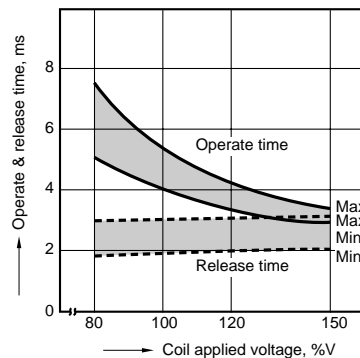
2. Life curve

Ambient temperature: room temperature



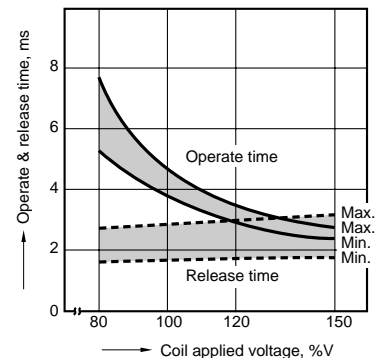
3.-(1) Operate & release time (1 Form A type)

Tested sample: JQ1a-12V-F, 25 pcs.



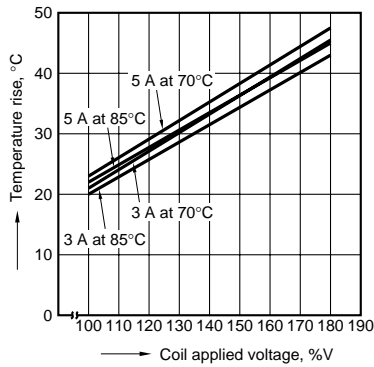
3.-(2) Operate & release time (1 Form C type)

Tested sample: JQ1-24V-F, 25 pcs.



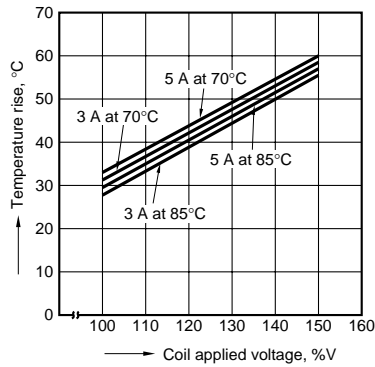
4.-(1) Coil temperature rise (1 Form A type)

Contact carrying current: 3 A, 5 A
Measured portion: Inside the coil



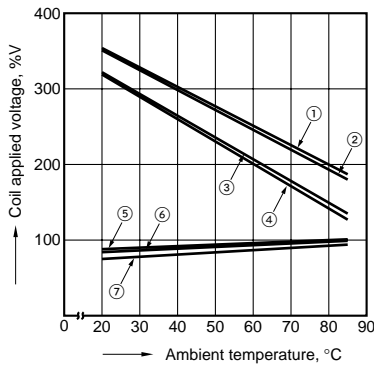
4.-(2) Coil temperature rise (1 Form C type)

Contact carrying current: 3 A, 5 A
Measured portion: Inside the coil



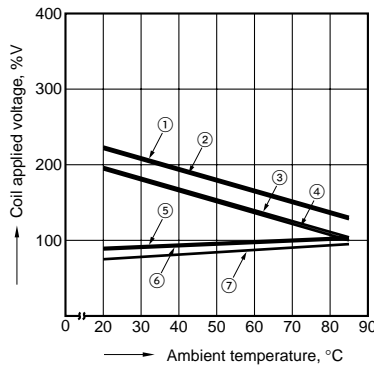
5.-(1) Ambient temperature characteristics (1 Form A type)

Tested sample: JQ1a-24V-F
Contact carrying current: 3 A, 5 A



5.-(2) Ambient temperature characteristics (1 Form C type)

Tested sample: JQ1-24V-F
Contact carrying current: 3 A, 5 A

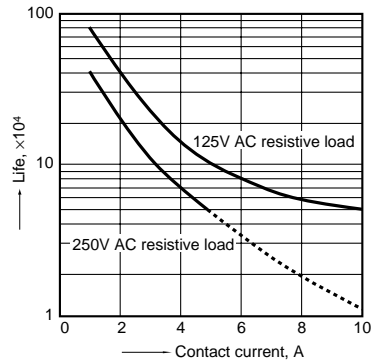


- ① Allowable ambient temperature against % coil voltage (max. inside the coil temperature set as 130°C 266°F) (Carrying current: 3 A)
- ② Allowable ambient temperature against % coil voltage (max. inside the coil temperature set as 130°C 266°F) (Carrying current: 5 A)
- ③ Allowable ambient temperature against % coil voltage (max. inside the coil temperature set as 115°C 239°F) (Carrying current: 3 A)
- ④ Allowable ambient temperature against % coil voltage (max. inside the coil temperature set as 115°C 239°F) (Carrying current: 5 A)
- ⑤ Pick-up voltage with a hot-start condition of 100%V on the coil (Carrying current: 5 A)
- ⑥ Pick-up voltage with a hot-start condition of 100%V on the coil (Carrying current: 3 A)
- ⑦ Pick-up voltage

High capacity type

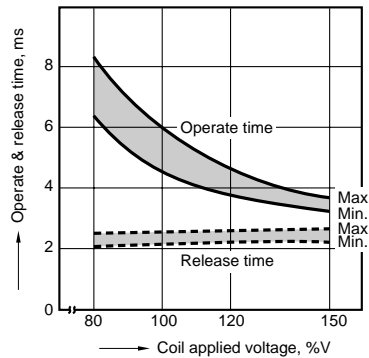
1. Life curve

Ambient temperature: room temperature



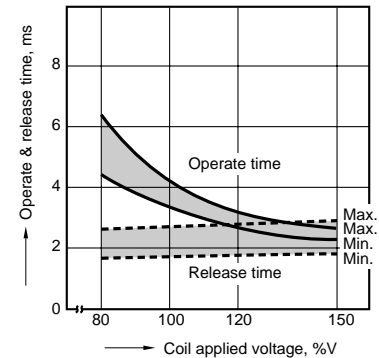
2.-(1) Operate & release time (1 Form A type)

Tested sample: JQ1aP-12V-F, 25 pcs.



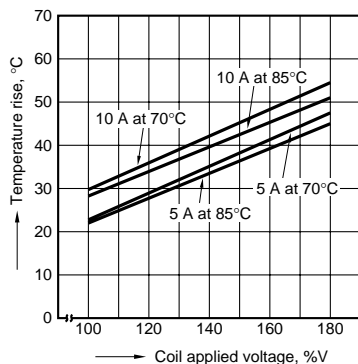
2.-(2) Operate & release time (1 Form C type)

Tested sample: JQ1P-12V-F, 25 pcs.



3.-(1) Coil temperature rise (1 Form A type)

Contact carrying current: 5 A, 10 A
Measured portion: Inside the coil



3.-(2) Coil temperature rise (1 Form C type)

Contact carrying current: 5 A, 10 A
Measured portion: Inside the coil

