

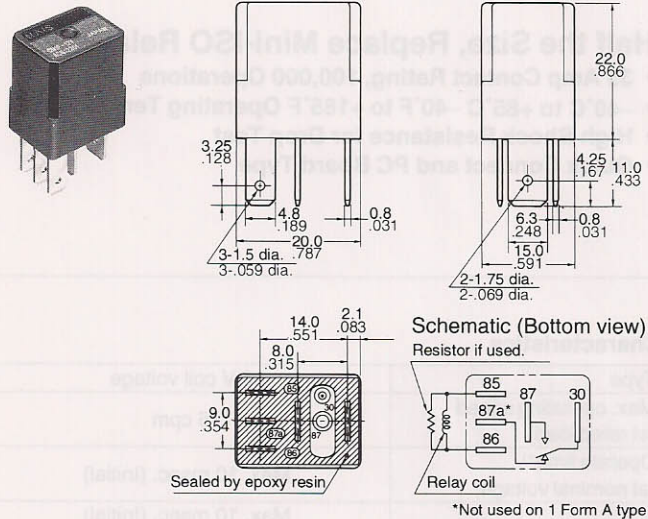
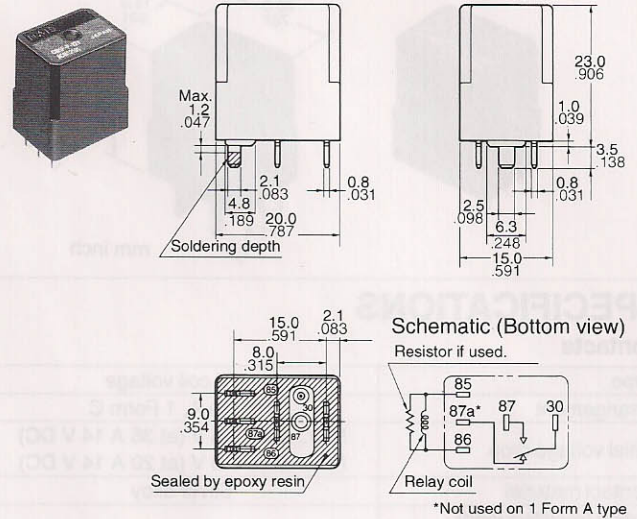
COIL DATA (at 20°C 68°F)

Nominal voltage, V DC	Pick-up voltage, V DC (max.)	Drop-out voltage, V DC (min.)	Nominal current, mA ($\pm 10\%$)	Coil resistance, Ω ($\pm 10\%$)	Nominal operating power, W	Maximum allowable voltage, V DC (at 85°C)
12 24	7 14	1.2 2.4	125 75	96 320	1.5 1.8	16 32

Note: Bulk package: 50 pcs.; Case: 200 pcs.

DIMENSIONS

mm inch

Quick connect type**PC board type****DATA****1. Maximum value for switching capacity**

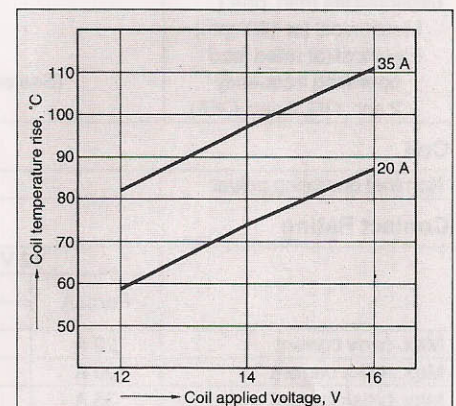
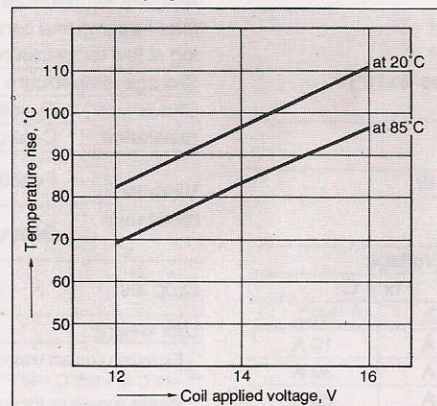
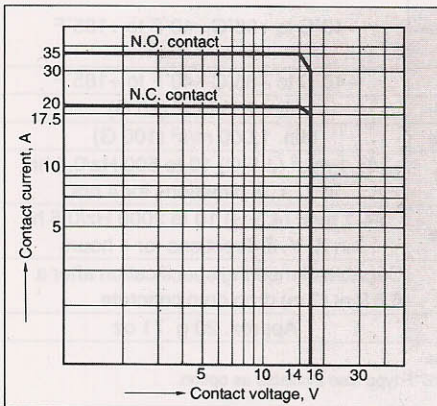
Tested sample:
No. of operations:

2-(1). Coil temperature rise (resistive)

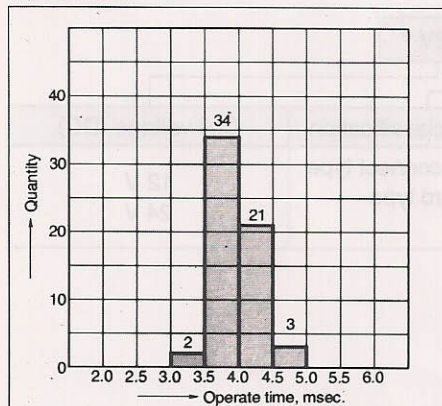
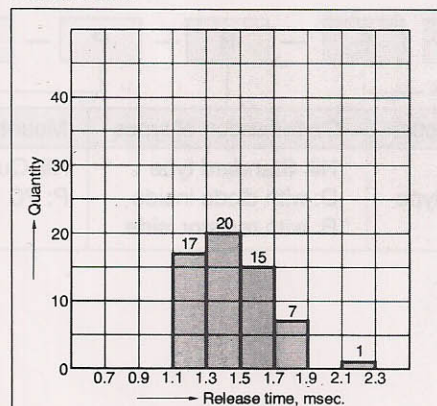
Tested sample: CM1F-12V, 6 pcs.
Ambient temperature: 20°C, 85°C
68°F, 185°F
Contact carrying current: 35 A

2-(2). Coil temperature rise (resistive)

Tested sample: CM1F-12V, 6 pcs.
Ambient temperature: 20°C 68°F
Contact carrying current: 20 A, 35 A

**3. Distribution of operate/release time (at nominal voltage)**

Tested sample: CM1F-12V, 60 pcs.
Ambient temperature: 22°C 72°F

Operate time**Release time****4. Distribution of pick-up/drop-out voltage**

Tested sample: CM1F-12V, 60 pcs.
Ambient temperature: 24°C 75°F

Pick-up voltage