



TITLE

SPECIFICATIONS

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- 5A switching capability
- 2 form A slim configuration
- TV-3 125VAC approved by UL standard



1. TYPE: CN RELAY (P/C Board type)

2. COIL

COIL VOLTAGE (VDC)	PICK-UP VOLTAGE (VDC)	DROP-OUT VOLTAGE (VDC)	MAX-ALLOWABLE VOLTAGE (VDC)	COIL RESISTANCE (Ω)	COIL POWER (mW)
5	3.75	0.25	6.5	47 x (1±10%)	530
6	4.50	0.30	7.8	68 x (1±10%)	530
9	6.75	0.45	11.7	155 x (1±10%)	530
12	9.00	0.60	15.6	270 x (1±10%)	530
18	13.50	0.90	23.4	620 x (1±10%)	530
24	18.00	1.20	31.2	1080 x (1±10%)	530
48	36.00	2.40	62.4	4400 x (1±10%)	530

(at 23℃)

3. CONTACTS

3-1) Contact arrangement : 2 Form A

3-2) Contact Material : AgSnO

3-3) Contact ratings (Resistive load) : 5A 250VAC/30VDC

3-4) Max. switching voltage : 250VAC/30VDC

3-5) Max. switching current : 5A

3-6) Max. switching power : 1250VA/150W

4. CHARACTERISTICS

4-1) Contact resistance : 100mΩ at 6VDC 1A

4-2) Operate time (at nomi. volt.) : Max. 15msec

4-3) Release time (at nomi. volt.) : Max. 10msec

4-4) Insulation resistance : 1000MΩ (at 500VDC)



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4-5) Dielectric strength

- ⊙ Between open contacts : AC 1,000 Volt / one minute
- ⊙ Between coil and contacts : AC 4,000Volt / one minute
- ⊙ Between contact set : AC 2,000Volt / one minute

4-6) Vibration resistance : 10 to 55Hz

4-7) Shock resistance

- ⊙ Functional : 100m/s² (10g)
- ⊙ Destructive : 1000m/s² (100g)

4-8) Ambient temperature : -40 to + 70℃

4-9) Humidity : 5 to 85% RH

4-10) Life expectancy

- ⊙ Mechanical : 1x10⁶ operations
- ⊙ Electrical : 1x10⁵ operations

4-11) Weight : Approx. 14.5g

4-12) Outline dimension (L x W x H) : 24 x 12 x 24.8mm

4-13) Safety standard : cUL

5. ORDERING INFORMATION

EX.) CN 22 - 12

Contact arrangement	Coil Voltage
22 : DPST(2 Form A)	3, 5, 6, 9, 12, 18, 24, 48

** Disclaimer **

This data sheet is for the customer's reference. All the specifications are subject to change without notice. We could not evaluate all the performance and all parameters for every possible application. Thus the user should be in right position to choose the suitable product for own application. If there is any query, please contact to Texcell Netcom Co., Ltd. for the technical service. However, it is the user's responsibility to determine which product should be used only.



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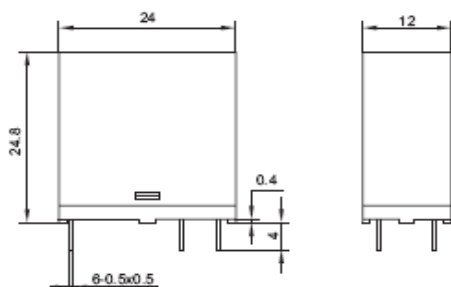
Texcell-NetCom Co.,Ltd.

TITLE

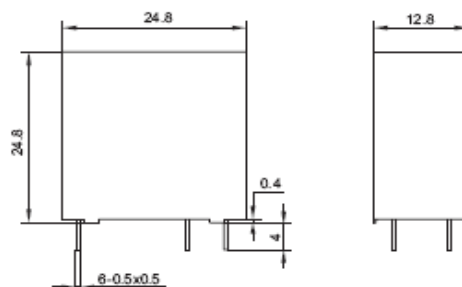
DIMENSIONS

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Wash tight type



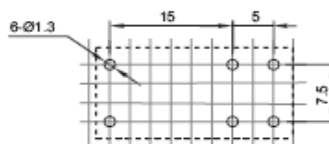
Flux proofed type



Wiring Diagram
(Bottom view)

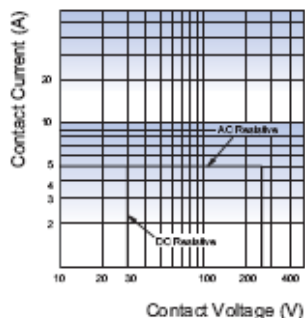


PCB Layout
(Bottom view)

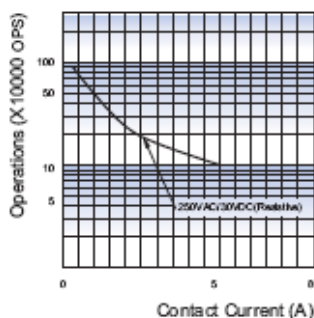


- Remark: 1) In case of no tolerance shown in outline dimension: outline dimension $\leq 1\text{mm}$, tolerance should be $\pm 0.2\text{mm}$; outline dimension $> 1\text{mm}$ and $\leq 5\text{mm}$, tolerance should be $\pm 0.3\text{mm}$; outline dimension $> 5\text{mm}$, tolerance should be $\pm 0.4\text{mm}$.
2) The tolerance without indicating for PCB layout is always $\pm 0.1\text{mm}$.
3) The width of the gridding is 2.5mm.

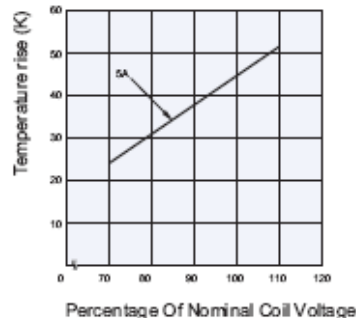
MAXIMUM SWITCHING POWER



ENDURANCE CURVE



COIL TEMPERATURE RISE



TO:

TEXCELL NETCOM CO., LTD.
DEVELOPMENT DEPT.

DATE:

DRAWN BY:

CHECKED BY:

APPROVED BY: