
Operation Instructions

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 3．2．6 Overvoltage categroy：II． ference．
 3．2．4 Indoors where is without strong alkali and acid．

3．2．3 In the place without significant shake，shock and vibration．
 3．2．1 In the medium with no explosion hazard and no gas that is enough to corrode metal and
 3．1．3．2 Pollution degree
Pollution degree 3 ．
necessary in cases of occasional condensation due to variations in temperature．
3．1．3．2 Pollution degree of $40^{\circ} \mathrm{C}$ ，higher may be permitted at lower temperatures．Special measures may be The relative humidity of the installation site does not exceed $50 \%$ at a maximum temperature 3．1．3．1 Humidity 3．1．Atmospheric conditions

The altitude of the site of installation does not exceed $2,000 \mathrm{~m}$ ． 3．1．2 Altitude c）the average in 24 h does not exceed $+35^{\circ} \mathrm{C}$ ．
a）the upper limit does not exceed $+40^{\circ}$ ；
 3．1 Normal operating conditions

3．Conditions

|  |  <br>  | ZW－GSTN |
| :---: | :---: | :---: |
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|  <br>  | 108EכV | SrN |
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|  |  | V－GSTN |
|  |  | әdK |

Table 1 Rated Control Supply Voltage and Time Specification

| L20 | 0 Oz | \＆1－o๐ | ¢ | OiN pexefep Z ｜ | 1－GSTN |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Lt＇0 | 088 | s1－Ob |  | دөповииеч <br> poxéap I | $\underset{\text { LW－SSSTN }}{\text { LSTS }}$ |
| 920 | 0 Oz |  |  |  | $\underset{\substack{8-G S T N \\-G S N}}{ }$ |
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 5．2 Main technical parameters see Table 3 ．
5.3 Immunity tests level see Table 4 ． 5．1 Auxiliary circuits parameters of the equipment see Table 2 5 Main Technical Parameters
7: Delay function adjustment

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| Item | Test level required |
| :--- | :--- |
| Electrostatic discharges | 8 KV (air discharge) |
| Radiated radio-frequency electromagnetic <br> fields (80 MHz to 1 GHz$)$ | $10 \mathrm{~V} / \mathrm{m}$ |
| Electrical fast transients/bursts | 2 kV on power ports <br> 1 kV on signal and control ports, duration 1 min |
| Surges ( $1.2150 ~ \mu \mathrm{~s}-8 / 20 \mu \mathrm{~s})$ | 2 kV (line to earth) <br> 1 kV (line to line) |
| Conducted disturbances induced by <br> radio-frequency fields ( 150 kHz to 80 MHz$)$ | 10 V |


| Type | NJS5-A,NJS5-B,NJS5-Y | NJS5-M1,NJS5-M2 |
| :--- | :--- | :--- |
| Setting accuracy | $\leq 10 \%$ | $\leq 10 \%$ |
| Repeat accuracy | $\leq 2.5 \%$ | $\leq 0.5 \%$ |
| Mechanical durability | $1 \times 10^{6}$ cycles | $1 \times 10^{6}$ cycles |
| Electrical durability | $3 \times 10^{4}$ cycles | $1 \times 10^{5}$ cycles |
| Recovery time | $\leq 1 \mathrm{~s}$ | $\leq 1 \mathrm{~s}$ |
| Mounting | DIN-rail | DIN-rail and device type |
| Power consumption | $\leq 3$ VA | $\leq 3$ VA |
| Table 4-Immunity tests level |  |  |




