



# CHINT ND9 Signāllampu sērijas Datu lapa

## Funkcija

Vizualizē ķēdes un iekārtas statusu

## Standarti

IEC/EN 60947-5-1

## Elektriskie parametri

| Parametrs                 | Vērtība                                          |
|---------------------------|--------------------------------------------------|
| Nominālais spriegums      | AC/DC 6.3 V, 12 V, 24 V, 110 V, 230 V (50/60 Hz) |
| Izolācijas spriegums (Ui) | 500 V                                            |
| Nominālā strāva           | ≤20 mA                                           |
| Aizsardzības pakāpe       | IP20                                             |
| Kalpošanas laiks          | LED ≥30 000 stundas                              |

## Mehāniskie parametri

Izmēri: Augstums = 86 mm, Platums = 18 mm, Dziļums = 66,2 mm

Montāžas caurumu attālums: 45 ± 0,31 mm

## Temperatūras un mitruma diapazons

Darbības temperatūra: -5 °C līdz +40 °C (vidēji ≤35 °C)

Augstums: ≤2000 m

Mitruma apstākļi: ≤50% pie +40 °C; ≤90% pie +20 °C

Piesārņojuma pakāpe: 2

Uzstādīšanas kategorija: II / III

*Šis tulkojums sniegts kā palīgmateriāls. Par oficiālu un precīzu informāciju jāuzskata tikai ražotāja oriģinālais dokuments.*

## Montāža

TH35-7.5 standarta DIN sliede (novirze  $\leq 5^\circ$ )

Vadu pieslēgums:  $1,0 \text{ mm}^2$  vadītāja šķērsgriezums; pievilkšanas griezes moments  $0,8 \text{ N}\cdot\text{m}$

## Pieejamās krāsas

/B: Zila, /G: Zaļa, /R: Sarkanā, /W: Baltā, /Y: Dzeltenā

## Modeļu varianti

ND9-1: 1 gaismas indikators

ND9-2: 2 gaismas indikatori



## ND9 Signal Light

### 1. General

- 1.1 Electric ratings: 6.3V,12V,24V,110,230V, AC50/60Hz;
- 1.2 Rated insulation voltage  $U_i$ : 500V;
- 1.3 Protection grade: IP20
- 1.4 Rated operational current:  $\leq 20\text{mA}$
- 1.5 Life: LED  $\geq 30000\text{h}$ ;
- 1.6 Standard: IEC/EN 60947-5-1

### 2. Operating Conditions

- 2.1 Ambient temperature:  $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$  ,  
average temperature in 24 hours not exceed  $+35^{\circ}\text{C}$  ;
- 2.2 Altitude:  $\leq 2000\text{m}$ ;
- 2.3 Air conditions:  
At mounting site, relative humidity not exceed 50% at the  
max temperature of  $+40^{\circ}\text{C}$  , higher relative humidity is  
allowable under lower temperature. For example,  
RH could be 90% at  $+20^{\circ}\text{C}$  . Special measures should be  
taken to occurrence of dews;
- 2.4 Mounting category: II , III ;
- 2.5 Pollution grade: II ;
- 2.6 Mounting mode: TH35-7.5 standard rail, inclination  
between mounting and vertical plane not exceed  $5^{\circ}$

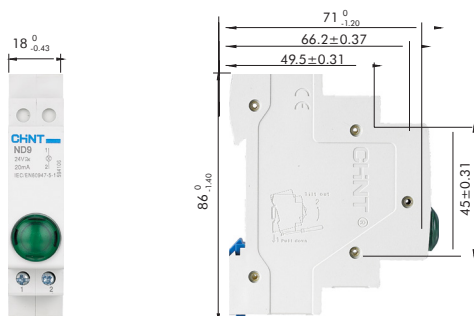
### 3. Wirng

Cross section area of the conductor is  $1.0\text{mm}^2$ , and tightening torque should be  $0.8\text{N}\cdot\text{m}$

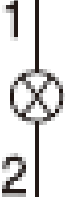
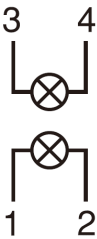


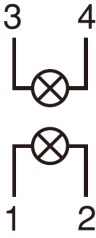
RoHS

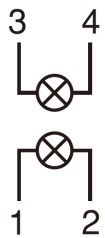
### 4. Overall and mounting dimensions (mm)



|              |                 |                                                             |                                    |
|--------------|-----------------|-------------------------------------------------------------|------------------------------------|
| ND9          | 1               | /B                                                          | 110V                               |
| Product type | Number of light | Color of light                                              | Indicator voltage                  |
| ND9          | 1<br>2          | /B: Blue<br>/G: Green<br>/R: Red<br>/W: White<br>/Y: Yellow | 6.3V<br>12V<br>24V<br>110V<br>230V |

| Diagram                                                                             | Ui(V) | Number of light | Indicator voltage(V) | Description   | Code   |
|-------------------------------------------------------------------------------------|-------|-----------------|----------------------|---------------|--------|
|   | 500   | 1               | AC/DC110             | ND9-1/B 110V  | 594122 |
|                                                                                     | 500   | 1               | AC/DC110             | ND9-1/G 110V  | 594107 |
|                                                                                     | 500   | 1               | AC/DC110             | ND9-1/R 110V  | 594112 |
|                                                                                     | 500   | 1               | AC/DC110             | ND9-1/W 110V  | 594127 |
|                                                                                     | 500   | 1               | AC/DC110             | ND9-1/Y 110V  | 594117 |
|                                                                                     | 500   | 1               | AC/DC12              | ND9-1/B 12V   | 594120 |
|                                                                                     | 500   | 1               | AC/DC12              | ND9-1/G 12V   | 594105 |
|                                                                                     | 500   | 1               | AC/DC12              | ND9-1/R 12V   | 594110 |
|                                                                                     | 500   | 1               | AC/DC12              | ND9-1/W 12V   | 594125 |
|                                                                                     | 500   | 1               | AC/DC12              | ND9-1/Y 12V   | 594115 |
|                                                                                     | 500   | 1               | AC/DC230             | ND9-1/B 230V  | 594123 |
|                                                                                     | 500   | 1               | AC/DC230             | ND9-1/G 230V  | 594108 |
|                                                                                     | 500   | 1               | AC/DC230             | ND9-1/R 230V  | 594113 |
|                                                                                     | 500   | 1               | AC/DC230             | ND9-1/W 230V  | 594128 |
|                                                                                     | 500   | 1               | AC/DC230             | ND9-1/Y 230V  | 594118 |
|                                                                                     | 500   | 1               | AC/DC24              | ND9-1/B 24V   | 594121 |
|                                                                                     | 500   | 1               | AC/DC24              | ND9-1/G 24V   | 594106 |
|                                                                                     | 500   | 1               | AC/DC24              | ND9-1/R 24V   | 594111 |
|                                                                                     | 500   | 1               | AC/DC24              | ND9-1/W 24V   | 594126 |
|                                                                                     | 500   | 1               | AC/DC24              | ND9-1/Y 24V   | 594116 |
|                                                                                     | 500   | 1               | AC/DC6.3             | ND9-1/B 6.3V  | 594119 |
|                                                                                     | 500   | 1               | AC/DC6.3             | ND9-1/G 6.3V  | 594104 |
|                                                                                     | 500   | 1               | AC/DC6.3             | ND9-1/R 6.3V  | 594109 |
|                                                                                     | 500   | 1               | AC/DC6.3             | ND9-1/W 6.3V  | 594124 |
|                                                                                     | 500   | 1               | AC/DC6.3             | ND9-1/Y 6.3V  | 594114 |
|  | 500   | 2               | AC/DC110             | ND9-2/BB 110V | 594192 |
|                                                                                     | 500   | 2               | AC/DC110             | ND9-2/BW 110V | 594197 |
|                                                                                     | 500   | 2               | AC/DC110             | ND9-2/GB 110V | 594147 |
|                                                                                     | 500   | 2               | AC/DC110             | ND9-2/GG 110V | 594132 |
|                                                                                     | 500   | 2               | AC/DC110             | ND9-2/GR 110V | 594137 |
|                                                                                     | 500   | 2               | AC/DC110             | ND9-2/GW 110V | 594152 |
|                                                                                     | 500   | 2               | AC/DC110             | ND9-2/GY 110V | 594142 |
|                                                                                     | 500   | 2               | AC/DC110             | ND9-2/RB 110V | 594167 |
|                                                                                     | 500   | 2               | AC/DC110             | ND9-2/RR 110V | 594157 |
|                                                                                     | 500   | 2               | AC/DC110             | ND9-2/RW 110V | 594172 |
|                                                                                     | 500   | 2               | AC/DC110             | ND9-2/RY 110V | 594162 |
|                                                                                     | 500   | 2               | AC/DC110             | ND9-2/WW 110V | 594202 |

| Diagram                                                                             | Ui(V) | Number of light | Indicator voltage(V) | Description   | Code   |
|-------------------------------------------------------------------------------------|-------|-----------------|----------------------|---------------|--------|
|  | 500   | 2               | AC/DC12              | ND9-2/GB 12V  | 594145 |
|                                                                                     | 500   | 2               | AC/DC12              | ND9-2/GG 12V  | 594130 |
|                                                                                     | 500   | 2               | AC/DC12              | ND9-2/GR 12V  | 594135 |
|                                                                                     | 500   | 2               | AC/DC12              | ND9-2/GW 12V  | 594150 |
|                                                                                     | 500   | 2               | AC/DC12              | ND9-2/GY 12V  | 594140 |
|                                                                                     | 500   | 2               | AC/DC12              | ND9-2/RB 12V  | 594165 |
|                                                                                     | 500   | 2               | AC/DC12              | ND9-2/RR 12V  | 594155 |
|                                                                                     | 500   | 2               | AC/DC12              | ND9-2/RW 12V  | 594170 |
|                                                                                     | 500   | 2               | AC/DC12              | ND9-2/RY 12V  | 594160 |
|                                                                                     | 500   | 2               | AC/DC12              | ND9-2/WW 12V  | 594200 |
|                                                                                     | 500   | 2               | AC/DC12              | ND9-2/YB 12V  | 594180 |
|                                                                                     | 500   | 2               | AC/DC12              | ND9-2/YW 12V  | 594185 |
|                                                                                     | 500   | 2               | AC/DC12              | ND9-2/YY 12V  | 594175 |
|                                                                                     | 500   | 2               | AC/DC230             | ND9-2/BB 230V | 594193 |
|                                                                                     | 500   | 2               | AC/DC230             | ND9-2/BW 230V | 594198 |
|                                                                                     | 500   | 2               | AC/DC230             | ND9-2/GB 230V | 594148 |
|                                                                                     | 500   | 2               | AC/DC230             | ND9-2/GG 230V | 594133 |
|                                                                                     | 500   | 2               | AC/DC230             | ND9-2/GR 230V | 594138 |
|                                                                                     | 500   | 2               | AC/DC230             | ND9-2/GW 230V | 594153 |
|                                                                                     | 500   | 2               | AC/DC230             | ND9-2/GY 230V | 594143 |
|                                                                                     | 500   | 2               | AC/DC230             | ND9-2/RB 230V | 594168 |
|                                                                                     | 500   | 2               | AC/DC230             | ND9-2/RR 230V | 594158 |
|                                                                                     | 500   | 2               | AC/DC230             | ND9-2/RW 230V | 594173 |
|                                                                                     | 500   | 2               | AC/DC230             | ND9-2/RY 230V | 594163 |
|                                                                                     | 500   | 2               | AC/DC230             | ND9-2/WW 230V | 594203 |
|                                                                                     | 500   | 2               | AC/DC230             | ND9-2/YB 230V | 594183 |
|                                                                                     | 500   | 2               | AC/DC230             | ND9-2/YW 230V | 594188 |
|                                                                                     | 500   | 2               | AC/DC230             | ND9-2/YY 230V | 594178 |
|                                                                                     | 500   | 2               | AC/DC24              | ND9-2/BB 24V  | 594191 |
|                                                                                     | 500   | 2               | AC/DC24              | ND9-2/BW 24V  | 594196 |
|                                                                                     | 500   | 2               | AC/DC24              | ND9-2/GB 24V  | 594146 |
|                                                                                     | 500   | 2               | AC/DC24              | ND9-2/GG 24V  | 594131 |
|                                                                                     | 500   | 2               | AC/DC24              | ND9-2/GR 24V  | 594136 |
|                                                                                     | 500   | 2               | AC/DC24              | ND9-2/GW 24V  | 594151 |
|                                                                                     | 500   | 2               | AC/DC24              | ND9-2/GY 24V  | 594141 |
|                                                                                     | 500   | 2               | AC/DC24              | ND9-2/RB 24V  | 594166 |
|                                                                                     | 500   | 2               | AC/DC24              | ND9-2/RR 24V  | 594156 |
|                                                                                     | 500   | 2               | AC/DC24              | ND9-2/RW 24V  | 594171 |
|                                                                                     | 500   | 2               | AC/DC24              | ND9-2/RY 24V  | 594161 |
|                                                                                     | 500   | 2               | AC/DC24              | ND9-2/WW 24V  | 594201 |
|                                                                                     | 500   | 2               | AC/DC24              | ND9-2/YB 24V  | 594181 |
|                                                                                     | 500   | 2               | AC/DC24              | ND9-2/YW 24V  | 594186 |
|                                                                                     | 500   | 2               | AC/DC24              | ND9-2/YY 24V  | 594176 |

| Diagram                                                                           | Ui(V) | Number of light | Indicator voltage(V) | Description   | Code   |
|-----------------------------------------------------------------------------------|-------|-----------------|----------------------|---------------|--------|
|  | 500   | 2               | AC/DC6.3             | ND9-2/BB 6.3V | 594189 |
|                                                                                   | 500   | 2               | AC/DC6.3             | ND9-2/BW 6.3V | 594194 |
|                                                                                   | 500   | 2               | AC/DC6.3             | ND9-2/GB 6.3V | 594144 |
|                                                                                   | 500   | 2               | AC/DC6.3             | ND9-2/GG 6.3V | 594129 |
|                                                                                   | 500   | 2               | AC/DC6.3             | ND9-2/GR 6.3V | 594134 |
|                                                                                   | 500   | 2               | AC/DC6.3             | ND9-2/GW 6.3V | 594149 |
|                                                                                   | 500   | 2               | AC/DC6.3             | ND9-2/GY 6.3V | 594139 |
|                                                                                   | 500   | 2               | AC/DC6.3             | ND9-2/RB 6.3V | 594164 |
|                                                                                   | 500   | 2               | AC/DC6.3             | ND9-2/RR 6.3V | 594154 |
|                                                                                   | 500   | 2               | AC/DC6.3             | ND9-2/RW 6.3V | 594169 |
|                                                                                   | 500   | 2               | AC/DC6.3             | ND9-2/RY 6.3V | 594159 |
|                                                                                   | 500   | 2               | AC/DC6.3             | ND9-2/WW 6.3V | 594199 |
|                                                                                   | 500   | 2               | AC/DC6.3             | ND9-2/YB 6.3V | 594179 |
|                                                                                   | 500   | 2               | AC/DC6.3             | ND9-2/YW 6.3V | 594184 |
|                                                                                   | 500   | 2               | AC/DC6.3             | ND9-2/YY 6.3V | 594174 |