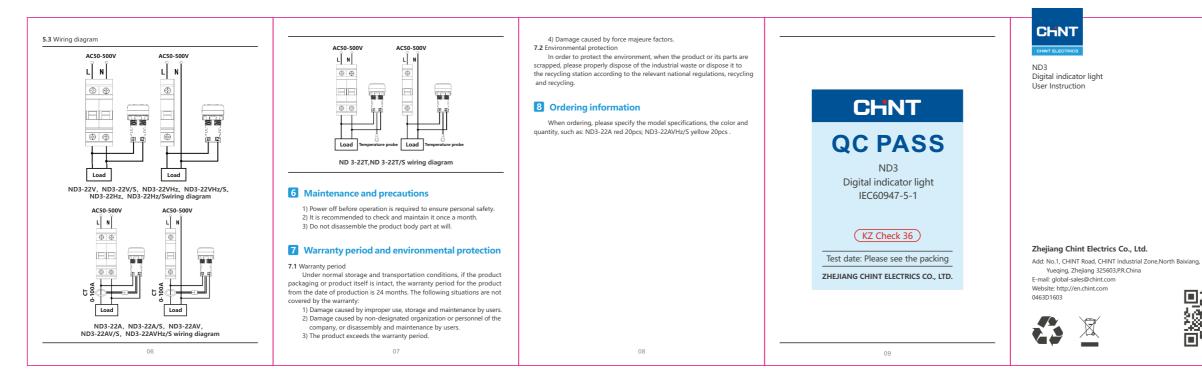
# 尺寸: 390x92mm



## Safety Warning

- 1 The product is strictly prohibited in the environment that contains flammable and explosive gas, humidity and dew, and it is strictly forbidden to operate the product with wet hands.
- 2 When the product works, it is strictly forbidden to touch the part of the product conductivity.
- 3 When installing, maintenance and maintenance products, Must be powered off.
- . 4 It is strictly forbidden for children to play products or packaging. 5 The product installation surroundings should be kept enough space and safety distance.
- 6 Please do not install the product in the place where the gas medium
- can corrode the metal and destroy the insulation 7 When the product is installed and used, the standard wire must be
- ised and the power supply and load must meet the requirements. 8 In order to avoid dangerous accidents, the installation and fixing of the product must be carried out in strict accordance with the
- requirements of the manual. 9 After the packaging is dismantled, check whether the product is
- damaged and count the integrity of the items. [10] Forbidden use of large harmonic electricity scenes such as non-sine
- vaves, frequency conversion, and silicon controlled rectifier! 11 This product is forbidden to be used in VFDs, inverters, and power onments with higher harmonic interference.

General warning sign: Used to alert users to potential hazards. All safety information attached to this sign should be followed to avoid injury.

### **1** Scope of application

2 Type designation

N D 3-00/0

# This series of indicating lights convert the analog signal in the process control system into a digital display to indicate various parameters of the

signal, measurement and monitoring in the system. The product can indicate, measure and monitor the current, voltage, frequency, and temperature parameters. The products comply with the standard of IEC60947-5-1.

Head shape: None: circular: S: square

# Head shape: None: circular; 5: square Specification code A: ammeter; V: voltmeter Hz: frequency meter; T: temperature meter AV: current & voltage meter; AVHz: Current, voltage & frequency meter; VHz: Voltage & frequency meter Muniting head is inclinated. Mounting hole size(diameter) (e.g. 22, indicates 22mm of diameter) Design sequence No Indicator light Company code Example: ND3-22 AVHz/ S: ND3 digital indicating light, hole size is 22mm,

- current, voltage & frequency meter , head shape is square; ND3-22A: ND3 digital indicating light, hole size is 22mm, ammeter round head shape.
- Note: 5 kinds of indicating color can be selected: red, yellow, green, hlue white

01

# Rated oper ating voltage Rated Rated i Rated i volt. LEE IP of Allo fluct Voltag rang Currei rang Frequei rang empera rang Nor Avera Pol Instal

**3** Mainly parameters and performance

Ue (V)	AC30V~AC300V			
operating current le (mA)	≤50mA			
nsulation voltage Ui (V)	660V			
mpulse withstand age Uimp (kV)	2.5 kV			
D life span(h)	≥30000h			
legree (head)	IP53 (circular) IP50 (square)			
wable voltage tuation range	±10%			
e measurement e and accuracy	AC 50V±2%~AC500V±2%			
nt measurement e and accuracy	AC 0-100A( < 50A±1A,≥50A±2%)			
ncy measurement e and accuracy	50 Hz±2%~60 Hz±2%			
ture measurement e and accuracy	-20 °C±3°C~199 °C±3°C			
mal operating emperature	-5°C ~ 40°C			
ge temperature	No more than 35°C within 24h			
Humidity	When the maximum temperature is 40°C, the relative humidity of the air does not exceed 50%			
ltitude (m)	≤2000m			
lution degree	3			
lation category	Ш			

#### der the safety conditions, the installation area uld be equipped with rain, snow and steam vention facilities, and the indicator light shou installed in a place with no significant shaking ock and vibration and no ctive dust. The applicable temperature range for transport and storage is between -25°C to 70°C. The stor area shall be ventilated, dry and protected from Transportation and storage conditions 4 Dimensions 4.1 Indicating light of circular head l fur Model type А В c hole Weigh ND3-22A 52mm φ29.5mm 14.5mm ND3-22V 52mm φ29.5mm 14.5mm .02k ND3-22T 52mm φ29.5mm 14.5mm ω22mn 0.03kg ND3-22AV 52mm φ29.5mm 14.5mm ω22.5mm 0.04kg

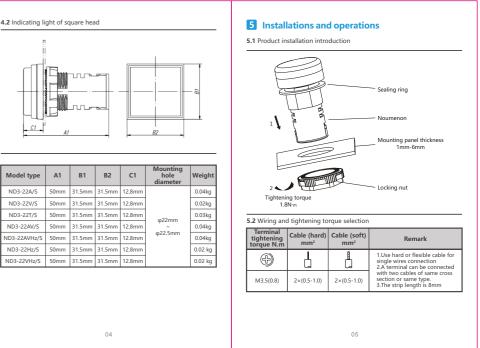
03

0.02kg

0.02kg

ND3-22Hz 52mm φ29.5mm 14.5mm

ND3-22VHz 52mm φ29.5mm 14.5mm



Model type	A1	B1	B2	C1
ND3-22A/S	50mm	31.5mm	31.5mm	12.8mm
ND3-22V/S	50mm	31.5mm	31.5mm	12.8mm
ND3-22T/S	50mm	31.5mm	31.5mm	12.8mm
ND3-22AV/S	50mm	31.5mm	31.5mm	12.8mm
ND3-22AVHz/S	50mm	31.5mm	31.5mm	12.8mm
ND3-22Hz/S	50mm	31.5mm	31.5mm	12.8mm
ND3-22VHz/S	50mm	31.5mm	31.5mm	12.8mm

