



58th, Siming Park, Tong'an Industrial Zone, Xiamen, China

Tel: (86 592) 3170007/3170079

Fax: (86 592) 3170008

<http://www.andaxing.net>

www.andaxingelectric.com

Email: ade@cnade.net

Xiamen Andaxing Electric Group Co.,Ltd

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High voltage presence indicator

P1-4

Fuse cover and phase comparator

P15-16

Short circuit and earth fault indicator

P5-8

Conductive bearing and auxiliary switch

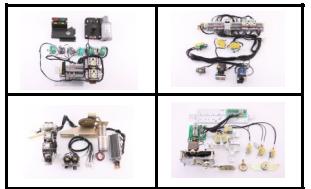
P17-18

Current transformer

P9-10

Electromagnet parts

P19-20

Motor gear for circuit breaker

P11-12

Mechanical parts

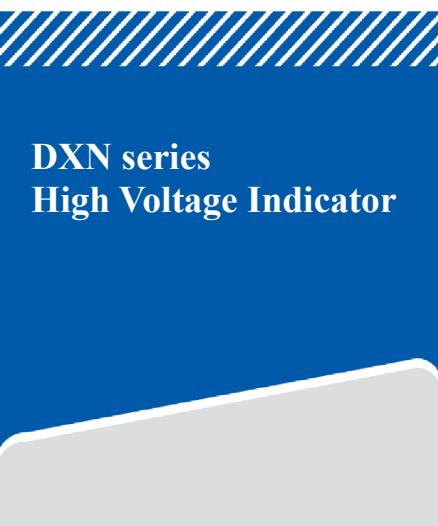
P21

Thermostat and dehumidifier

P13-14

ODM and OEM parts

P22



DXN1



DXN2-Q



DXN7



DXN8



General

The DXN series voltage presence indicating system (VPIS) is used to provide the operator with information on the voltage status of the main circuit of the high-voltage electrical equipment being monitored.

It is suitable for high voltage electrical equipment with a voltage of 3 to 40.5 kV and a frequency of 50 Hz/60 Hz to indicate high voltage presence.

The product with locking function (interlocking signal output unit) can control the interlock at the same time, preventing electrical misoperation and accidental entry into the area with high voltage presence.

Features (Model DXN1-A as example)

- 3-phase live-voltage indicating system
- Remote transmission of voltage presence signals or voltage absence signals
- Overvoltage protection
- Maximum loading current: 50A
- Wide-range 3kV- 40.5kV
- Working frequency 50/60Hz
- Threshold values for voltage presence indication: $U > 0.45 \times U_n$
- Threshold values for voltage absence indication: $U < 0.10 \times U_n$
- Threshold values for over-voltage protection: $< 0.30 \times U_n$
- Divider capacitance: 18pF or be specified by buyer
- Temperature range: -25°C to +40°C
- Insulation strength: AC 2kV, 1min
- Product dimensions (L×W×D) 96x49x95mm

Type of indicator

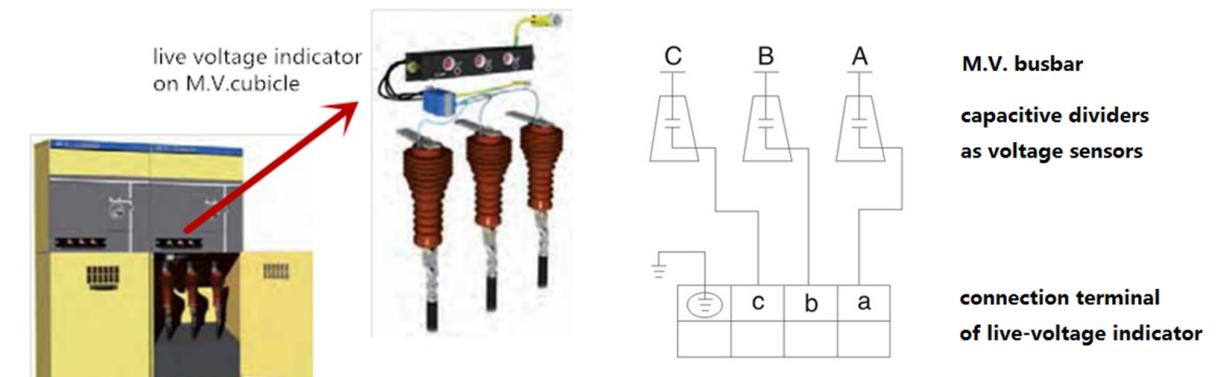
There are the following types of DXN series of high voltage indicators

1. Indication type (only display the three-phase live status)
2. Latch type (adding lock output node and other functions on the basis of indication type)
3. Multi-function type (adding self-test and multiple node output functions on the basis of above two types)

For specs of other models kindly visit www.andaxingelectric.com or www.andaxing.net

Application example of High Voltage Indicator

Voltage Presence Indicating System indicates the voltage presence on M.V. cubicles (switchgear) by being installed on the capacitive dividers.



DXN series VPIS are used on ABB switchgears



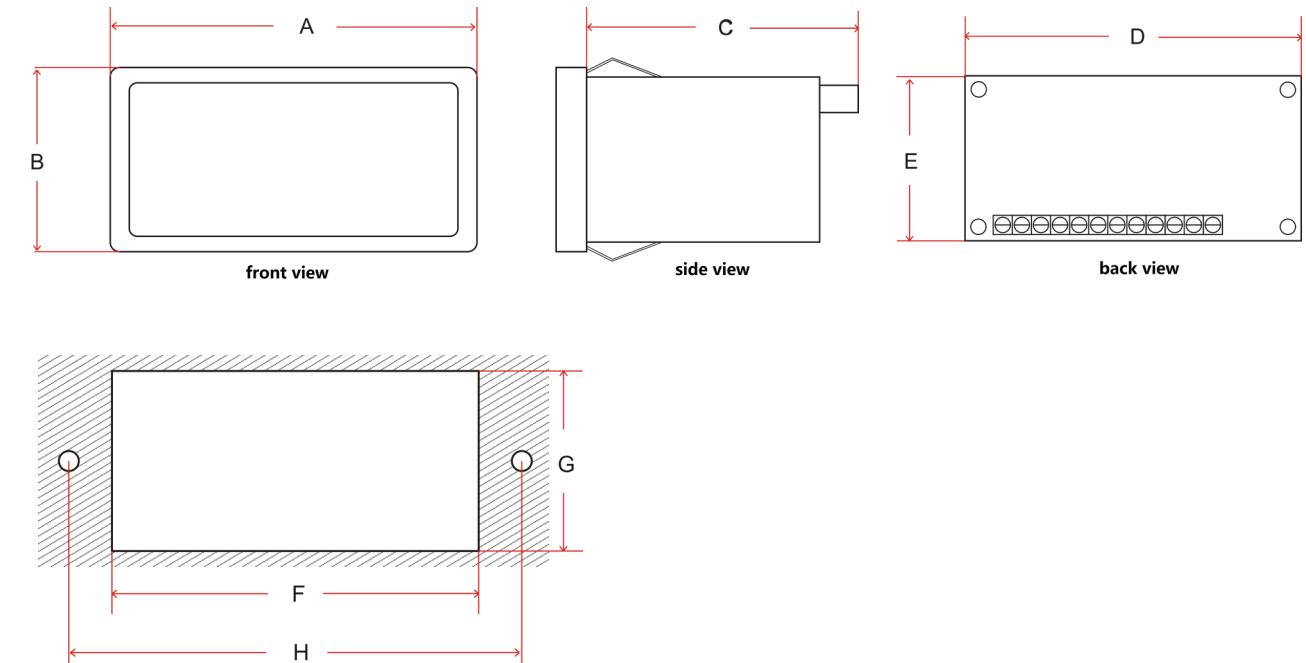
Function list of different models

Model number	Functions								Dimension code						
	Power-on indicator replacement	Power-on host replacement	Indicator ON/OFF switch	IP 65	IP 40	One product two display units	Interlocking status indication	Full voltage range adapter	Self test	Interlocking double node output	Overvoltage protection	3 phase live indication	1	2	3
DXN1-T-□	● ● ● ●	●	●	△	✓										
DXN1-Q-□	● ● ● ●	●	△	● ● ● ●	●	△	✓								
DXN2-T-□	● ● ● ●	●	●	●	●	△	✓								
DXN2-Q-□	●	●	●	●	●	●	●	●	●	●	●	✓			
DXN2-□K-□	● ● ● ●	△	●	●	●	●	●	●	●	●	●	✓			
DXN5-T-□	● ● ● ●	●	●	●	●	●	●	●	●	●	●	✓			
DXN5-□K-□	● ● ● ●	●	●	●	●	●	●	●	●	●	●	✓			
DXN7-T-□	● ● ●	△	●	●	●	△	✓	✓	✓						
DXN7-□K-□	● ● ●	△	●	●	●	●	△	●	●	●	●	✓			

Remarks

- Basic function availability
- ✓ Indicator size availability. Your required size code number will be written on the box □ of the corresponding model number
- △ Optional function availability

Product and installation size



Unit: mm

Code	Panel size (A B)	Body size (D E)	Body length (C)	Installation	
				Window size (F G)	Screw size and hole distance (M H)
1	96*49	91*44	87	92*45	
2	130*28	91*44	49	105*22	M4 120
3	70*35	54*31	43	54*31	
4	70*35	54*31	43	54*31	M3 64