Low Voltage Terminal Equipment
### Low voltage terminal equipment

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</tbody>
</table>
NGL2 Low-voltage sealed power distribution cubicle

1 Brief introduction

NGL2 low-voltage sealed power distribution cubicle is used in the power system of three-phase five-wire, three-phase four-wire and three-phase three-wire for the rated voltage of AC 500V and below in the power plant and industrial & mineral enterprise for power lighting and distribution. The power cubicle features flexible distribution scheme, convenient combination, high practicality and novel configuration etc.

2 Model & explanation

3 Working conditions

3.1 General Service conditions
3.1.1 Altitude: 2000m and below
3.1.2 The cubicle must be indoor installed, and free from heavy dust, corrosive gas and rain water.
3.1.3 Ambient temperature: 
   -25°C~+40°C. Average within 24h should be less than +35°C. In case of storage and transport, the temperature should be between -25°C~+55°C and maximum +70°C for short time.
3.1.4 Relative humidity: Less than 50% at the maximum of +40°C.
3.1.5 No vibration and impact. The inclination of mounting to vertical plane should be less than 5°.

3.2 As for special requirement, please contact us.

4 Main performance characteristic:

4.1 Main electric performances conform to the standards of IEC60439-1:1992 and GB7251.1-1997.
4.2 The auxiliary circuit functions for local operating, remote operating and automatic operating and the switching over between local operating and remote operating. The contactor can hold by DC signal.
4.3 The receiving main switch has an alternative protective function for instantaneous tripping and thermal magnetic tripping. To coordinate with the next main switch, it is necessary to abolish the instantaneous tripping protection, which will avoid overstep tripping. The fitted automatic switching, manual operating and automatic switching over device are choices to user.
4.4 The feeding circuit main switch functions as an instantaneous tripping protection and thermal magnetic tripping protection. If required by the customer, power leakage protection can be fitted.
4.5 The motor control circuit is used for instantaneous short-circuit, over-load, under-voltage relief and open-phase protection.
4.6 The receiving circuit is fitted with ammeter and voltmeter.
5 Main technical parameters (See table1)

Table 1

<table>
<thead>
<tr>
<th>No.</th>
<th>Item</th>
<th>Unit</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rated voltage of main circuit</td>
<td>V</td>
<td>AC:380</td>
</tr>
<tr>
<td>2</td>
<td>Rated voltage of auxiliary circuit</td>
<td>V</td>
<td>AC:220, 380</td>
</tr>
<tr>
<td>3</td>
<td>Rated frequency</td>
<td>Hz</td>
<td>50</td>
</tr>
<tr>
<td>4</td>
<td>Rated insulation voltage</td>
<td>V</td>
<td>660</td>
</tr>
<tr>
<td>5</td>
<td>Rated current</td>
<td>A</td>
<td>≤1250</td>
</tr>
</tbody>
</table>

6 Structure features

6.1 The NGL2 low-voltage sealed power distribution cubicle is made by C or 8MF profile. The frame part and special accessories are offered by us to ensure accuracy and quality of the cabinet. The cabinet accessories are designed according to the modular principle and its high commonality enables manufacturer for pre-fabrication.

6.2 The door and stationary part is connected by detachable flexible kink, convenient for mounting and dismounting.

7 Main circuit scheme (See table 2)

Note:

* ❌ means fuse switch: The available model is HR5 and HR6 of QSA series (Operation inside cubicle)

* ❌ means disconnecting switch: The available model is of QA and QP series

* ❌ means fuse: The available model is of RT0 and NT00 series.

* ❌ means circuit-breaker: The available model is NM8, DZ20, NM1, NM10, NB1, DZ47 of NS and S series etc.

* ❌ means contactor: The available model is of CJ20, B series and CJX1, CJX2 and N series etc.

* ❌ means thermal relay: The available model is of JR20, JRS1 and JRS2 and N series etc.

* ❌ means current transformer: The available model is of BH-0.66, LMZJ1-0.5 and LMK1-0.66 series etc.

The user can decide the usage of any other model except the above.

Table 2

<table>
<thead>
<tr>
<th>Scheme No.</th>
<th>01</th>
<th>02</th>
<th>03</th>
<th>04</th>
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<td><img src="image3" alt="Scheme 03" /></td>
<td><img src="image4" alt="Scheme 04" /></td>
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<td><img src="image6" alt="Scheme 06" /></td>
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<td>Scheme of main circuit</td>
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### Low voltage terminal equipment

#### Scheme of main circuit

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<thead>
<tr>
<th>Scheme No.</th>
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<th>48</th>
<th>52</th>
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#### Scheme of main circuit

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<tr>
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<th>69</th>
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</thead>
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<td><img src="image9.png" alt="Diagram" /></td>
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#### Scheme of main circuit

<table>
<thead>
<tr>
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<th>95</th>
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<td><img src="image15.png" alt="Diagram" /></td>
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#### Scheme of main circuit

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<th>105</th>
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<td></td>
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<td><img src="image19.png" alt="Diagram" /></td>
<td><img src="image20.png" alt="Diagram" /></td>
<td><img src="image21.png" alt="Diagram" /></td>
<td><img src="image22.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>

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Continue table 2

---
### 8 Outline dimension and mounting size of cubicle (See table 3)

<table>
<thead>
<tr>
<th>Height (mm)</th>
<th>Width (mm)</th>
<th>Depth (mm)</th>
<th>B x A Mounting size (C profile)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1600</td>
<td>600</td>
<td>400</td>
<td>340 x 430</td>
</tr>
<tr>
<td>1600</td>
<td>600</td>
<td>500</td>
<td>440 x 430</td>
</tr>
<tr>
<td>1800</td>
<td>600</td>
<td>400</td>
<td>340 x 430</td>
</tr>
<tr>
<td>1800</td>
<td>600</td>
<td>500</td>
<td>440 x 430</td>
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<tr>
<td>1800</td>
<td>800</td>
<td>400</td>
<td>340 x 630</td>
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<td>800</td>
<td>500</td>
<td>440 x 630</td>
</tr>
<tr>
<td>2000</td>
<td>800</td>
<td>400</td>
<td>340 x 630</td>
</tr>
<tr>
<td>2000</td>
<td>800</td>
<td>500</td>
<td>440 x 630</td>
</tr>
</tbody>
</table>

Note: The size of cubicle is subject to the drawing offered by the customer.

The size showed in the drawing doesn't include that of the door and the right and left protective panel.

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### Figure of outline dimension & mounting size of NGL Low-voltage power distribution cubicle

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### 9 Order notice

The following data must be given for order:

9.1 The product model.
9.2 System drawing of main circuit and plane drawing for cubicle.
9.3 Electric principle drawing for auxiliary circuit.
9.4 Element list (Main bus specification).
9.5 Cubicle color (Usually mild grey), size of cubicle body.
9.6 Other special request conflicting with general service conditions.
NXPW1 Outdoor Comprehensive Distribution Cubicle

1 Application

This distribution cubicle is used in the low-voltage power distribution system of substation, industrial& mineral enterprise for power distribution, capacitance compensation, electrical energy transferring, metering distribution and control protection. This product features easy operation, safe and reliable usage, novel structure and high protection degree etc.

2 Standards

This product conforms to IEC60439-1:1992 and GB7251.1-1997.

3 Model& Meaning

<table>
<thead>
<tr>
<th>N</th>
<th>N</th>
<th>P</th>
<th>W</th>
<th>1</th>
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<tbody>
<tr>
<td>Design Serial No.</td>
<td>Outdoor</td>
<td>Comprehensive Power Distribution</td>
<td>Sealed Cubicle</td>
<td>Enterprise Code Number</td>
</tr>
</tbody>
</table>

4 Structure Features

4.1 The main structure is made of 1.5mm cold-rolled steel plate or stainless steel plate and part of the frame is welding structure and the stainless steel double-layer thermal insulation structure is also available.

4.2 The equipment is designed according to 3-phase 5-wire and 3-phase 4-wire.

4.3 Capacitance compensation function is designed to raise the power factor for the electric power.

4.4 To raise the dynamic thermal stability and improve the temperature rise of the contact surface, the equipment adopts TMY-T2 series hard copper bus bar which is coated with fin.

4.5 Its protection degree is IP43.

5 Working Conditions

5.1 General Service Conditions

5.1.1 Ambient temperature: -25℃- +40℃. Average within 24h should be less than +35℃. Once the upper limit is over, the cubicle must be operated under reduced capacitance.

5.1.2 Altitude: 2000m and below

5.1.3 Relative humidity: No more than 50% at upper limit of +40℃. Under low temperature, the slight high relative humidity is permissible, e.g. 90% at 20℃. But, meantime, it is necessary to consider the probable affection from dew caused from temperature alteration.

5.1.4 The inclination of mounting to vertical plane should be less than 5°.

5.1.5 Mounting place should be free from severe vibration and impact and corrosive gas

5.2 As for special requirement, please contact us.
### Main Circuit Scheme (See table 2)

<table>
<thead>
<tr>
<th>Scheme No.</th>
<th>01</th>
<th>02</th>
<th>03</th>
<th>04</th>
<th>05</th>
<th>06</th>
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<tbody>
<tr>
<td>Scheme of main circuit</td>
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<td><img src="image2" alt="Diagram 02" /></td>
<td><img src="image3" alt="Diagram 03" /></td>
<td><img src="image4" alt="Diagram 04" /></td>
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<table>
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<td><img src="image11" alt="Diagram 11" /></td>
<td><img src="image12" alt="Diagram 12" /></td>
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<table>
<thead>
<tr>
<th>Scheme No.</th>
<th>13</th>
<th>14</th>
<th>15</th>
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<th>17</th>
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<tr>
<td>Scheme of main circuit</td>
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<td><img src="image14" alt="Diagram 14" /></td>
<td><img src="image15" alt="Diagram 15" /></td>
<td><img src="image16" alt="Diagram 16" /></td>
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<table>
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<th>19</th>
<th>20</th>
<th>21</th>
<th>22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scheme of main circuit</td>
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<td><img src="image19" alt="Diagram 19" /></td>
<td><img src="image20" alt="Diagram 20" /></td>
<td><img src="image21" alt="Diagram 21" /></td>
<td><img src="image22" alt="Diagram 22" /></td>
</tr>
</tbody>
</table>
The following data must be given when an order is placed:

8.1 Model No.
8.2 The schematic drawing of the main circuit
8.3 Stand type (vertical or horizontal)
8.4 The color of the cubicle
8.5 As to the special requirements, please consult with us.
PZ30 Low-voltage Sealed Lighting Box

1 Brief introduction

The NXM2 low-voltage sealed lighting box is used in the circuit of single-phase and three-phase of rated voltage of 500V and below and rated current of 100A and below and rated frequency of 50 Hz to function as power lighting and motor control and protection device for overload, leakage and short-circuit. The box features logical design, small volume, nice appearance and high security and reliability, and is widely used in factories, buildings, resident houses, department stores etc.

2 The standards

The product conforms to the standards of GB7251.3-1997 and IEC60439-3:1990.

3 Model & explanation

N X M 2 (PZ30)

- Design Serial No
- Lighting
- Sealed cubicle
- Enterprise code

4 Structure features

The PZ30 lighting box case is made of qualified steel plate with the thickness of 1.0mm and the enclosure is sprayed by high-voltage static electro and then fitted with plastic transparent cover, which makes it more beautiful. The holes in upper and lower sides of the enclosure make the incoming and outgoing of the wires more convenient.

- 4.1 Combination system of factory standard features modulus structure.
- 4.2 The case body looks novel and handsome.
- 4.3 The lighting box, can be used with single-phase or three-phase and single-pole, multi-pole and leakage can be combined together freely.
- 4.4 Rated current is of 100A and below. Degree of protection is of IP3X.
- 4.5 The super-thin structure of the lighting box makes it suitable to be wall-mounted.
- 4.6 The bus connection features security and reliability. The bus insulation sheath ensures a safer and better thermal stability.
5 Working conditions

5.1 Altitude: 2000m and below
5.2 Ambient temperature: -25℃~+40℃
5.3 Relative humidity:
  Monthly average less than 90% at +20℃
5.4 The mounting place must be free from severe vibration and impact, explosive danger, corrosive gas and conductive dust that may destroy insulation.

6 Outline dimension & mounting size:

(Figure of outline dimension of NXM2)

<table>
<thead>
<tr>
<th>Total number of circuit</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H</th>
<th>Remark</th>
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<tr>
<td>4</td>
<td>175</td>
<td>165</td>
<td>155</td>
<td>135</td>
<td>80</td>
<td>Single-row</td>
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<tr>
<td>6</td>
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<td>10</td>
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<td>12</td>
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<td>15</td>
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<td>90</td>
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<td>18</td>
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<tr>
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</table>

Remark: the outline dimension for the wall-mounting surface type is the same as that of A, B and H of the wall-mounting recessed type.

7 Order notice

The following data must be given when an order is placed:
7.1 Model No.
7.2 Number of loops
7.3 Mounting method (Wall-mounting surface type or wall-mounting recessed type)
7.4 Box color
**NXZ Low-voltage Sealed Lighting Box**

1 Brief introduction

The NXZ series lighting box is used in the power system of single-phase and three-phase of rated voltage of 500V and below and rated current of 100A and below to function as a power lighting and motor control or protection device for overload, leakage and short-circuit. The box features logical design, small volume, nice appearance and high security and reliability, and is widely used in buildings, resident houses, department stores etc.

2 Standards

The product conforms to the standards of GB7251.3-1997 and IEC60439-3:1990.

3 Model & explanation

<table>
<thead>
<tr>
<th>N</th>
<th>X</th>
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<th>2 (NXZ)</th>
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</table>

- Design Serial No
- Lighting
- Sealed cubicle
- Enterprise code

4 Structure features

The NXZ lighting box housing adopts qualified steel plate of 1.0mm in thickness. The enclosure is sprayed by electrostatic and then fitted with the transparent plastic cover, which looks handsome and elegant. The poles in the upper and down sides make the incoming and outgoing of wires more convenient.

4.1 Combination system of factory standard features modulus structure.
4.2 The cubicle body looks novel and handsome.
4.3 To the lighting box, the community of single-phase and three-phase and the free combination between single-pole, multi-pole and leakage are available.

4.4 Rated current is 100A and below. Degree of protection is IP3X.
4.5 The mounting height of guide rail is subject to free adjustment.
4.6 The super-thin structure leaves it suitable to adopt wall-mounting recessed type or wall-mounting surface type to be-mounted on light walls.
4.7 The bus connection features security and reliability. The bus insulation sheath ensures a better security and thermal stability.
4.8 The internal components can be separated from the enclosure.
5   Working conditions
5.1 Altitude: 2000m and below.
5.2 Ambient temperature: -25°C - +40°C.
5.3 Relative humidity:
   Monthly average less than 90% at +20°C.
5.4 The mounting place must be free from severe vibration and impact, explosive danger, corrosive gas and conductive dust that may destroy insulation.

6   Outline dimension & mounting size:

(Figure of outline dimension of NXZ or NXZR series)

Table (Figure of outline dimension of NXZ or NXER)

<table>
<thead>
<tr>
<th>Total number of row</th>
<th>Size of outline dimension</th>
<th>H</th>
<th>W</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>3~7</td>
<td></td>
<td>220</td>
<td>204</td>
<td>90</td>
</tr>
<tr>
<td>8~10</td>
<td></td>
<td>220</td>
<td>258</td>
<td>90</td>
</tr>
<tr>
<td>12~16</td>
<td></td>
<td>220</td>
<td>362</td>
<td>90</td>
</tr>
<tr>
<td>17~20</td>
<td></td>
<td>220</td>
<td>436</td>
<td>90</td>
</tr>
</tbody>
</table>

Remark: the outline dimension for the wall-mounting surface type is the same as that of the wall-mounting recessed type.

7   Order notice

The following data must be given when an order is placed:
7.1 Model No.
7.2 Number of loops
7.3 Mounting method (Wall-mounting surface type or wall-mounting recessed type)
7.4 Cubicle color
1 Brief introduction

The NXE series lighting cubicle serves in the power system of single-phase two-wire, three-phase three-wire, three-phase four-wire, three-phase five-wire for rated voltage of 500V and below and rated current of 125A and below and rated frequency of 50Hz to function as a control and leakage protection for the power distribution system and over-load, short-circuit protection and control for the motor. The cubicle features logical design, small volume, nice appearance and high security and reliability, and is widely used in factories, buildings, resident houses and department stores etc.

2 Standards

The product conforms to the standards of GB7251.3-1997 and IEC60439-3:1990.

3 Model & explanation

<table>
<thead>
<tr>
<th>N</th>
<th>X</th>
<th>M</th>
<th>2</th>
<th>(NXE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design Serial No</td>
<td>Lighting</td>
<td>Sealed cubicle</td>
<td>Enterprise code</td>
<td></td>
</tr>
</tbody>
</table>

4 Structure features

The NXM2 distribution cubicle housing adopts qualified steel plate with the thickness of 1.2mm, the surface of which is coated by beautiful-colored epoxy resin powder and then be treated with static electricity. The standard specification of cubicle body is of single-row, double-row, triple-row, four-row and five-row. And each row can be fitted with MCCB with the modulus number of 18.

4.1 The cubicle adopts two-layer panel. Between two-layer panel and cubicle body is assembly structure.

4.2 Combination system of factory standard features modulus structure.

4.3 The cubicle body looks novel and handsome.

4.4 The space between mounting guide rail and support part and cubicle body (two-layer) is subject to free adjustment.

4.5 The terminal to zero and neural inside cubicle is subject to free detachment and combination, meeting different electric consumption requirement.

4.6 To the lighting cubicle, the community of single-phase and three-phase and the free combination between single-pole, multi-pole and leakage are available.

4.7 Rated current is 125A and below and the protection degree is IP3X.

4.8 The bus connection features security and reliability. The bus insulation sheath ensures better security and thermal stability.
5 Working conditions
5.1 Altitude: 2000m and below
5.2 Ambient temperature: -25°C - +40°C
5.3 Relative humidity: Monthly average less than 90% at +20°C
5.4 The mounting place should be free from severe vibration and impact, explosive danger, corrosive gas and conductive dust that may destroy insulation.

6 Outline dimension & mounting size:

(Figure of outline dimension of NXE or NXER series)

<table>
<thead>
<tr>
<th>Total number of row</th>
<th>Size of outline dimension</th>
<th>H</th>
<th>W</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>332</td>
<td>468</td>
<td>110</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>482</td>
<td>468</td>
<td>110</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>632</td>
<td>468</td>
<td>110</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>782</td>
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</tr>
<tr>
<td>5</td>
<td></td>
<td>932</td>
<td>468</td>
<td>110</td>
</tr>
</tbody>
</table>

7 Order notice
The following must be given when an order is placed:
7.1 Model No.
7.2 Number of loops.
7.3 Mounting method (Wall-mounting surface type or wall-mounting recessed type)
7.4 Cubicle color
**NXK1 (JXF, JFF)** Low-voltage Sealed Control Cubicle

1 **Brief introduction**

The NXK1 sealed control cubicle serves in the power system of three-phase three-wire, three-phase four-wire and three-phase five-wire for rated voltage of 500V and below and rated current of 250A and below and rated frequency of 50Hz to function as control and power leakage protection for the power distribution system and the over-load, short-circuit and open-phase protection of the motor. The cubicle features logical design, small volume, nice appearance and high security and reliability and is widely used in metallurgy, petrochemical, industries, medical and health, aeronautics, residential houses, department stores and buildings.

2 **Standards**

The product conforms to the standards of GB7251.3-1997 and IEC60439-3:1990.

3 **Model & explanation**

<table>
<thead>
<tr>
<th>N</th>
<th>X</th>
<th>K</th>
<th>1</th>
<th>(JXF, JFF)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Design Serial No</td>
<td>Lighting</td>
<td>Sealed cubicle</td>
<td>Enterprise code</td>
<td></td>
</tr>
</tbody>
</table>

4 **Structure features**

NXK1 sealed control cubicle adopts the qualified steel plate with the thickness of 1.5mm and above, the surface of which is coated by epoxy resin powder and sprayed by electro-static with beautiful appearance.

4.1 Various series, various structures: welding type, separation type, assembly type; outdoor or indoor.

4.2 Various dual-layer door structures and safe to use.

4.3 Various protection degrees: IP20, IP40, IP43, IP54, IP65.

4.4 The separation type is changeable for the same specification.

5 **Working conditions**

5.1 Altitude: 2000m and below

5.2 Ambient temperature: -25℃~+40℃

5.3 Relative humidity:
- Monthly average less than 90% at +20℃

5.4 The mounting place must be free from severe vibration and impact, explosive danger, corrosive gas and conductive dust that may destroy insulation.
The following must be given when an order is placed:

7.1 Model No
7.2 Mounting method
7.3 Figuration
7.4 System figure and control principle drawing.
7.5 If you have any specific requirements, please consult us.
NXJ1 Low-voltage Sealed Metering Cubicle

1 Brief introduction

The NXJ1 sealed metering cubicle serves in the power system of three-phase four-wire and three-phase five-wire for rated voltage of 500V and below and rated current of 125A and below and rated frequency of 50Hz to function as a metering system and control for the power consuming system. The cubicle features logical design, small volume, nice appearance and high security and reliability.

2 Standards

The product conforms to the standards of GB7251.3-1997 and IEC60439-3:1990.

3 Model & explanation

4 Structure features

NXJ1 sealed metering cubicle adopts the qualified steel plate with the thickness of 1.5mm and above, the surface of which is coated by epoxy resin powder and sprayed by electro-static with beautiful appearance.

4.1 Various series, various structure: welding type, separation type and assembly type; outdoor or indoor.

4.2 various new glass doors and operating small doors, convenient and safe to operate.

4.3 The separation type is changeable for the same specifications.

5 Working conditions

5.1 Altitude: 2000m and below
5.2 Ambient temperature: -25℃ - +40℃
5.3 Relative humidity:
  Monthly average less than 90% at +20℃
5.4 The mounting place must be free from severe vibration and impact, explosive danger, corrosive gas and conductive dust that may destroy insulation.
6 Outline dimension & mounting size (separation type):

Table of outline dimensions:

<table>
<thead>
<tr>
<th>Total number of row</th>
<th>NXJ1-1</th>
<th>NXJ1-2</th>
<th>NXJ1-3</th>
<th>NXJ1-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>380</td>
<td>480</td>
<td>670</td>
<td>480</td>
</tr>
<tr>
<td>H</td>
<td>580</td>
<td>580</td>
<td>580</td>
<td>830</td>
</tr>
<tr>
<td>D</td>
<td>160</td>
<td>160</td>
<td>160</td>
<td>160</td>
</tr>
<tr>
<td>M (Number of row)</td>
<td>6</td>
<td>10</td>
<td>12</td>
<td>15</td>
</tr>
</tbody>
</table>

Remark: the outline dimension for the wall-mounting surface type is the same as that of the wall-mounting recessed type.

7 Order notice

The following must be given when an order is placed:

- 7.1 Model No.
- 7.2 Mounting method
- 7.3 Figuration
- 7.4 Systematic drawing
- 7.5 If you have any specific requirements, please consult us.
NXC1 Low-voltage Sealed Socket Cubicle

1 Brief introduction

The NXC1 sealed socket cubicle serves in the circuit of single-phase and three-phase for rated voltage of 500V and below and rated current of 63A and below and rated frequency of 50Hz. The cubicle features logical design, small volume, nice appearance and high security and reliability and is widely used in factories, buildings, residential houses and department stores etc.

2 Standards

The product conforms to the standards of GB7251.3-1997 and IEC60439-3:1990.

3 Model & explanation

<table>
<thead>
<tr>
<th>N X C 1</th>
<th>Design Serial No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Socket</td>
<td></td>
</tr>
<tr>
<td>Sealed cubicle</td>
<td></td>
</tr>
<tr>
<td>Enterprise code</td>
<td></td>
</tr>
</tbody>
</table>

4 Structure features

NXC1 socket cubicle housing adopts the qualified steel plate with the thickness of 1.5mm, the surface of which is sprayed by static electricity with beautiful appearance. The holes in the upper and low sides of the enclosure make the incoming and outgoing of the wires more convenient.

4.1 Combination system of factory standard features modulus structure.

4.2 The cubicle body looks novel and handsome.

4.3 To the socket cubicle, the community of single-phase and three-phase and the free combination between single-pole, multi-pole and leakage are available.

4.4 Rated current is 63A and below. Degree of protection is IP30.

4.5 The mounting height of guide rail can be adjusted freely.

4.6 The super-thin structure leaves it suitable to adopt wall-mounting recessed type or wall-mounting surface type on the light wall.

4.7 The insulation protective sheath ensures a safer and better thermal stability.

4.8 Separation type: the internal components can be separated from the enclosure.
5 Working conditions
5.1 Altitude: 2000m and below
5.2 Ambient temperature: -25°C - +40°C
5.3 Relative humidity:
   Monthly average less than 90% at +20°C
5.4 The mounting place must be free from severe vibration and impact, explosive danger, corrosive gas and conductive dust that may destroy insulation.

6 Outline dimension & mounting size (分体式):

![Diagram of NXC1 outline figure]

Table of outline dimensions: mm

<table>
<thead>
<tr>
<th>Total number of row</th>
<th>Size of outline dimension</th>
<th>H</th>
<th>W</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>300</td>
<td>400</td>
<td>160</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>500</td>
<td>400</td>
<td>160</td>
</tr>
</tbody>
</table>

7 Order notice

The following must be given when an order is placed:
7.1 Model No.
7.2 Mounting method
7.3 System etc. drawing
7.4 Cubicle color
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Zip Code: 200233
Http://www.chintelectric.com
E-mail: shgmb@chint.com