



## NS21/NS33 Series Switch Specification

| No. | Category                       | Detailed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Category                | Detailed                                                                            |
|-----|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------------------------------------------|
| 1   | Name                           | NS2101/NS2102/NS2103/NS2104/NS2105/NS2106/NS2108/NS2115/NS2116/NS2182/NS2120/NS2121/NS2122/NSNS3301/NS3302/NS3303/NS3304/NS3305/NS3306/NS3308/NS3315/NS3316/NS3382/NS3320/NS3321/NS3322                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Origin                  | Made in China                                                                       |
| 2   | Pic                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |                                                                                     |
| 3   | Series                         | NS21 NS33 series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Color                   | white/beige/silver/pearl/rose gold/GT gold/valued gold/light brown/deep brown/Black |
| 4   | Shape dimensions               | 86*86mm; 146*86mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Installation dimensions | 60mm;120mm□                                                                         |
| 5   | Product dimension              | 86*86*35mm;146*86*35mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Installation category   | Concealed                                                                           |
| 6   | Rated parameters               | 10AX 250V~ ; 20A 250V~; 45A 250V~                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |                                                                                     |
| 7   | Safety standard*               | IEC 60669-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Rated frequency         | 50/60Hz                                                                             |
|     |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Normal operating life   | 10A ≥40000times; 20A ≥10000times; 45A ≥5000time                                     |
|     |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Ambient temperature     | ≤50°                                                                                |
| 8   | Appearance information         | Product color : white/beige/silver/pearl/rose gold/GT gold/valued gold/light brown/deep brown/Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Terminal type           | Terminal structure : Saddle terminal<br>Screw : M4                                  |
|     |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Warranty period         | 30 years                                                                            |
| 9   | LOGO                           | engraving                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Certificate             | SQM                                                                                 |
| 10  | Product performance indicators | 1、 Climbing distance : ≥3mm , Electrical clearance : ≥3mm<br>2、 Temperature rise test : ≤45K<br>3、 Terminal screw : The screw head shall not slip after 5 tests with a torque of 1.2 N.m.<br>4、 A single product shall not scatter or be rendered unusable when dropped freely from a height of 1 meter above the cement ground at any angle<br>5、 The product must not show any signs of cracking.<br>6. Mechanical strength: The product is installed on the junction box with a torque of 0.6N.m, and it is required that the functions normally without obvious deformation; The product is installed on the junction box with a torque of 1.0N.m, and it is required that the installation of the product are not penetrated.<br>7. Hot-wire test: The parts supporting the current-carrying components shall pass the 850°C hot-wire test, and parts shall pass the 650°C hot-wire test. |                         |                                                                                     |
| 11  | Packing Information            | 1、 The outer box, inner box, plastic bag and label use the dedicated NASCO series image<br>2、 The product labels must be affixed to the designated positions on the bag, inner box and outer carton.<br>3、 The product marking content, position, font, etc. must be consistent with the sealed sample.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                         |                                                                                     |
| 12  | Material of component parts    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                         |                                                                                     |
| 13  | Cover                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | switch button           |                                                                                     |
|     | Material                       | PC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Material                | PC                                                                                  |
|     | Manufacturing plant            | ZHE JIANG EXPO NEW MATERIALS CO., LTD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Manufacturing plant     | ZHE JIANG EXPO NEW MATERIALS CO., LTD                                               |
|     | Processing party               | WENZHOU SWISOK ELECTRIC CO.,LTD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Processing party        | WENZHOU SWISOK ELECTRIC CO.,LTD                                                     |
| 14  | Base                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Support Plate           |                                                                                     |
|     | Material                       | PC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Material                | Q195                                                                                |
|     | Manufacturing plant            | ZHE JIANG EXPO NEW MATERIALS CO., LTD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Manufacturing plant     | YUEQING SENYONG MOLD CO.,LTD                                                        |
|     | Processing party               | WENZHOU SWISOK ELECTRIC CO.,LTD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Processing party        | WENZHOU SWISOK ELECTRIC CO.,LTD                                                     |

|    |                          |                                        |                       |                                        |
|----|--------------------------|----------------------------------------|-----------------------|----------------------------------------|
| 15 | Metal parts              |                                        | Terminal              |                                        |
|    | Material                 | H62                                    | Material              | SPCC                                   |
|    | Manufacturing plant      | ZHEJIANG NUOJIN ELECTRIC CO.,LTD       | Manufacturing plant   | ZHEJIANG NUOJIN ELECTRIC CO.,LTD       |
|    | Surface treatment method | acid washing                           | Electroplating method | coppersurfaced                         |
|    |                          |                                        | Performance           | salt spray≥24h                         |
| 16 |                          | Mounting screw                         |                       | Terminal screw                         |
|    | Material                 | Q195                                   | Material              | Q195                                   |
|    | Manufacturing plant      | YUEQING JIANGWEI STANDARD PART CO.,LTD | Manufacturing plant   | YUEQING JIANGWEI STANDARD PART CO.,LTD |
|    | Specification            | M3.5x35                                | Specification         | M4x8                                   |
|    | Electroplating method    | galvanized                             | Electroplating method | coppersurfaced                         |
|    | Performance              | salt spray≥24h                         | Performance           | salt spray≥24h                         |