



浙江金凤凰电气有限公司

ZHEJIANG GOLDEN PHOENIX ELECTRICAL CO.,LTD.

ADD:No.188, Dongshan Road, Shangyu City, Zhejiang 312300, China

| GUARANTEED TECHNICAL DATA SHEET SUSPENSION COMPOSITE INSULATORS | | | | | |
|---|---|---|--------------------------|--|---|
| Item | Technical data | 72.5 KV Normal Area | | 72.5 KV Polluted Area | |
| | | Requested | Guaranteed | Requested | Guaranteed |
| 1 | Basic Information | | | | |
| 1.1 | Manufacturer | | Gphoenix | | Gphoenix |
| 1.2 | Model according to | | | | |
| 1.3 | Manufacture and test standards | N.MA.35.06 and reference standards listed in paragraph 14 | N.MA.35.06 and IEC 61109 | N.MA.35.06 and reference standards listed in paragraph 14 | N.MA.35.06 and IEC 61109 |
| 1.4 | Colour | | Grey | | Grey |
| 2 | Information of electrical parameters | | | | |
| 2.1 | Nominal Voltage (kV) | 72.5 | 72.5 | 72.5 | 72.5 |
| 2.2 | Minimum creepage distance (mm) | Silicon | 1445 | 1462 | 1813 |
| | | EPDM or other polymers | 1885 | | |
| 2.3 | Impulse voltage withstand, 1.23 microseconds (kVcr) | Positive | 325 | 325 | 325 |
| | | Negative | 325 | 325 | 325 |
| 2.4 | Wet voltage withstand at industrial frequency (kV) | 140 | 140 | 140 | 140 |
| 3 | Constructive information | | | | |
| 3.1 | Insulating material | Silicone, EPDM or other polymer | silicone | Silicone | silicone |
| 3.2 | Core material | Glass fiber | Glass fiber | Glass fiber | Glass fiber |
| 3.3 | Metallic parts, material used | Galvanised iron, aluminium or stainless steel | Galvanized iron | Aluminium, stainless steel reinforced of 900kg/m ² or galvanised with special protection against saline atmospheres | galvanized with special protection against saline atmospheres |
| 3.4 | Galvanisation method (if corresponds) | Immersion in heat | Immersion in heat | Immersion in heat | Immersion in heat |
| 3.4.1 | Standard used | NMA 22.05 | NMA 22.05 | NMA 22.05 | NMA 22.05 |
| 3.4.2 | Deposited zinc mass (g/m ²) | 600 g/m ² | 600 g/m ² | 900 g/m ² | 900 g/m ² |
| 3.5 | Length in mm, with tolerances indication | 730≤L≤760 | 730 | 730≤L≤760 | 730 |
| 3.6 | Type of extremity ironworks | Cap and pin | Cap and pin | Cap and pin | Cap and pin |
| 4 | Information of mechanical parameters | | | | |
| 4.1 | Minimum mechanical breaking load by traction | 7000 kg | 7000 kg | 7000 kg | 7000kg |
| 4.2 | Weight (kg) | | 2.07kgs | | 2.64kgs |

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| | | | |
|-----|-------------------------|------------|------------|
| 5 | Expedition | | |
| 5.1 | Type of packing | carton box | carton box |
| 5.2 | Pieces per packing unit | 6 | 6 |
| 5.3 | Weight of packing unit | 12.42kgs | 15.84kgs |

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