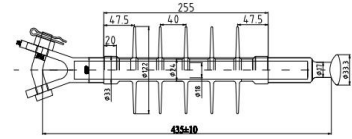


Zhejiang Qjin Power Equipment Co., Ltd.



## TECHNICAL SHEET

### Composite Suspension Insulator

| SR.NO. | DESCRIPTION                                 | UNIT | DATA                                                                                                                                            |
|--------|---------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | Type of Insulator                           |      | Suspension type                                                                                                                                 |
| 2      | Item No.:                                   |      | FXB-24/70YB                                                                                                                                     |
| 3      | Standard:                                   |      | IEC61109-2008 IEC60120-1984                                                                                                                     |
| 4      | Rated Voltage                               | KV   | 24                                                                                                                                              |
| 5      | Critical Impulse Flashover Voltage(Pos/Neg) | KV   | 200/200                                                                                                                                         |
| 6      | Power Frequency Flashover Voltage(Dry/Wet)  | KV   | 80/75                                                                                                                                           |
| 7      | Specified Mechanical Load                   | KN   | 70                                                                                                                                              |
| 8      | Routine Test Load                           | KN   | 35                                                                                                                                              |
| 9      | Socket Material                             |      | Hot Dip Galvanized Cast steel                                                                                                                   |
| 10     | Ball Material                               |      | Hot Dip Galvanized Forged Steel                                                                                                                 |
| 11     | Core Material                               |      | Epoxy& Glass Fiber Acid-resistant Type                                                                                                          |
| 12     | Core Diameter                               | mm   | 18                                                                                                                                              |
| 13     | Weather Sheds Material                      |      | HTV Silicone                                                                                                                                    |
| 14     | No of Sheds                                 |      | 5                                                                                                                                               |
| 15     | Diameter of Sheds                           | mm   | 18                                                                                                                                              |
| 16     | Min Dry Arcing Distance                     | mm   | 270                                                                                                                                             |
| 17     | Min Creepage Distance                       | mm   | 680                                                                                                                                             |
| 18     | Routine Test                                |      | 1) Dimensional Verification<br>2) Mechanical Test.<br>3) Voltage Test<br>4) Visual<br>a) Marking (Printing & Embossing)<br>c) Packaging Quality |