

**8.7-15KV Heat-shrinkable terminal and splices for crosslinked cable:**



**Description:**

The product has specific dielectric properties, anti-leakage trace ability and strong corrosion resistance, unique thickening fluid, achieves overcoming wet flash distance, constant contraction force, and is not subject to insulation dead angle caused by cable bending. It is installed on site No heat source and special tools are needed, which overcomes the shortcomings of the heat shrinkable type that requires a heat source during construction, are widely used in electric power, communications, military industry, metallurgy, coal mining, petrochemical and other fields.

**Product Features/Benefits:**

- This product has two offerings: one-core and three-core. General length of insulation tubing of terminal is 650mm, which can be lengthened to 800mm, 1000mm and 1200mm as required.
- Terminal: The applied process of double ground wires makes the cable margin more reasonable.
- Splices: Three-sealing process, that is to seal both sheath and inner cover and to seal two side of inner insulation tubing, ensures the cable more safe and reliable.

**Specification of terminal:**

| Items                                   | Test item                              | Standard requirement   | Test result                      | Conclusion |
|---|--|--|----------------------------------|------------|
| 5kv outdoor/indoor terminal and splices | Power frequency voltage withstand test | 45kv/min, no flash, no breakdown   | 45kv/min, no flash, no breakdown | Qualified  |
|   | Partial discharge test                 | 13kv, ≤20pc  | 13kv, 2pc                        | Qualified  |
|   | Load circulation test (3 circulations) | 5h heated, 3h cooled, the temperature of conductor is 95°C while heating | See below                        | See below  |
|   | Partial discharge test                 | 13kv, ≤20pc  | 13kv, 2pc                        | Qualified  |
|   | Impulse voltage test                   | 105kv, commit 10 times respectively on positive and negative             | 105kv, no flash, no breakdown.   | Qualified  |

|  |                                   |   |                                    |           |
|--|-----------------------------------|---|------------------------------------|-----------|
|  |                                   | pole, one flash is permitted, but will not be counted to the total test times |                                    |           |
|  | Negative pole direct voltage test | 52kv/15min, no flash, no breakdown  | 52kv/15min, no flash, no breakdown | Qualified |
|  | 4hPower frequency voltage test    | 35kv/4h, no flash, no breakdown   | 35kv/4h, no flash, no breakdown    | Qualified |

#### Specification of splices:

| Product name                                     | Models      | Applicable cable section (mm <sup>2</sup> ) |
|--|-------------|---|
| 10kv three-core indoor terminal                  | NRSY-10/3.1 | 25-50                                       |
|  | NRSY-10/3.2 | 70-120                                      |
|  | NRSY-10/3.3 | 150-240                                     |
|  | NRSY-10/3.4 | 300-400                                     |
| 10kv three-core outdoor terminal                 | WRSY-10/3.1 | 25-50                                       |
|  | WRSY-10/3.2 | 70-120                                      |
|  | WRSY-10/3.3 | 150-240                                     |
|  | WRSY-10/3.4 | 300-400                                     |
| 10kv three-core splices                          | JRSY-10/3.1 | 25-50                                       |
|  | JRSY-10/3.2 | 70-120                                      |
|  | JRSY-10/3.3 | 150-240                                     |
|  | JRSY-10/3.4 | 300-400                                     |
| 10kv three-core indoor terminal for oiled cable  | NRSZ-10/3.1 | 25-50                                       |
|  | NRSZ-10/3.2 | 70-120                                      |
|  | NRSZ-10/3.3 | 150-240                                     |
|  | NRSZ-10/3.4 | 300-400                                     |
| 10kv three-core outdoor terminal for oiled cable | WRSZ-10/3.1 | 25-50                                       |
|  | WRSZ-10/3.2 | 70-120                                      |
|  | WRSZ10/3.3  | 150-240                                     |
|  | WRSZ-10/3.4 | 300-400                                     |
| 10kv three-core splices for oiled cable          | JRSZ-10/3.1 | 25-50                                       |
|  | JRSZ-10/3.2 | 70-120                                      |
|  | JRSZ-10/3.3 | 150-240                                     |
|  | JRSZ-10/3.4 | 300-400                                     |

\* Customized dimensions are available on request

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