

**18-24KV Cold-shrinkable terminal and splices for crosslinked cable:**



**Description:**

**18/24KV Cold-shrinkable terminal and splices for power cable Application:**

Widely used in the following fields: electric power, communication, war industry ,metallurgy, mining and petroleum chemical industry ,etc

**Product Features/Benefits:**

- Excellent raw material: prefabricated body is composed of high-elasticity silicon rubber, which has excellent insulation, elongation and breakdown properties, small residual deformation after expansion.
- Cold-shrinkable construction: using latest expansion equipment and expansion support tube to ensure product expand without damage.
- Easy installation: Cold-applied, no need fire or special tool, no need to joint or bind copper wire. It can save labor force, time and space.

**Specification of terminal:**

Items	Test item	Standard requirement	Test result	Conclusion
24KV indoor and outdoor terminals and intermediate connections	Power frequency withstand voltage	105KV, 1min no flashover, no breakdown	105KV, 1min no flashover, No breakdown	Qualified
	Partial discharge test	39KV≤10pC	39kv , 4PC	Qualified
	Load cycle test, 3 cycles	When heating for 5h, cool for 3h. When heating, the conductor is heated at 95-100℃ and each cycle is 8h	When heating for 5h, cool for 3h. When heating, the conductor is heated at 95-100℃ and each cycle is 8h	Qualified
	Partial voltage test	Discharge capacity at 39kv≤20pC	39kv, 4PC	Qualified
	Impulse voltage test	250kv, 10 times of positive and negative polarity, one flashover is allowed, but not counted in the total	250kv, no flashover, no breakdown	Qualified

		number of tests		
	Negative polarity DC voltage test	156KV, 15min no flashover, no breakdown	156KV, 15min no flashover, no breakdown	Qualified
	4h power frequency voltage test	104KV, 4h no flashover, no breakdown	104KV, 4h no flashover, no breakdown	Qualified

#### Specification of splices:

Product name	Models	Applicable cable section (mm <sup>2</sup> )
18/24KV one-core indoor terminal	NLY-24/1.1	24-70
	NLY-24/1.2	95-150
	NLY-24/1.3	185-300
	NLY-24/1.4	400-500
	NLY-24/1.5	630
18/24KV one-core cold outdoor terminal	WLY-24/1.1	25-50
	WLY-24/1.2	70-120
	WLY-24/1.3	150-240
	WLY-24/1.4	300-400
	WLY-24/1.5	3630
18/24KV one-core splices	JLY-24/1.1	25-50
	JLY-24/1.2	70-120
	JLY-24/1.3	150-240
	JLY-24/1.4	300-400
	JLY-24/1.5	630
18/24KV three-core indoor terminal	NLY-24/3.1	25-50
	NLY-24/3.2	70-120
	NLY-24/3.3	150-240
	NLY-24/3.4	300-400
	NLY-24/3.5	630
18/24KV three-core cold outdoor terminal	WLY-24/3.1	25-50
	WLY-24/3.2	70-120
	WLY-24/3.3	150-240
	WLY-24/3.4	300-400
	WLY-24/3.5	630
18/24KV three-core splices	JLY- 24/3.1	25-50
	JLY- 24/3.2	70-120
	JLY-24/3.3	150-240
	JLY-24/3.4	300-400
	JLY-24/3.5	630

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