

Address: buliding 2,E zone,Minzhu industrial area,Shajing town,Baoan district,Shenzhen city, Guangdong province, China.

Tel: 0755-33666001 Fax: 0755-33807127 Http: //www.jddtech.com

SPECIFICATION FOR APPROVAL

Edition: A0 No: DW02800X-001

Product Name	10KV/35KV Bus bar Heat shrinkable tube

No.	Modification content	Reviser	Date
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Manufacturer accepted:

Prepared by/Date	Checked by/Date	Approved by/Date
Yu e Yuan 9-16-2014	Fangming Yue 9-16-2014	Bo Yang 9-16-2014

Clientele accepted:

Inspected by/Date	Checked by/Date	Approved by/Date

Product Introduction:

Heat shrinkable busbar used in transfer substation busbar, high and low voltage switchgear insulation protection, can make the compact structure of switchgear (interphase distance shortened) to prevent accidental short circuit accident.

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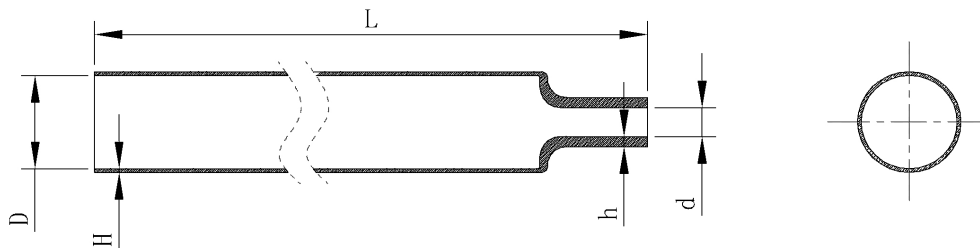
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Technical Data:

Performanc	Item	Index	Test Method
Mechanical properties	Tensile strength / MPa	≥8.0	GB/T1040
	Ultimate Elongation /%	≥300	GB/T1040
	Heat aging Tensile strength / MPa (130 °C)	≤±20	GB/T1040, GB/T7141
	Heating aging Tensile strength Ultimate Elongation /% (130 °C, 168h)	≤±20	GB/T1040, GB/T7141
Contractile properties	Shrink temperature	70°C	Enterprise Standard
	Fully shrink temperature	125°C	Enterprise Standard
	Radial Shrinkage /%	≥50	Enterprise Standard
Electrical properties	Power frequency withstand voltage *	≥30KV, 1min	GB/T1408.1
	Dielectric strength / KV / mm	≥20	GB/T1408.1
	Volume resistance / Ω • cm	¹⁴ ≥4.3×10	GB/T1410
Physical and chemical properties	Thermal shock (160 °C, 4h)	No flowing, no cracking	
	Low-temperature toughness (-40 °C, 4h)	no cracking	ASTM 2671
	Oxygen Index	≥30	GB/T2406
	Water absorption /%	≤0.5	ISO 62-1980
	Shore hardness	≤90	GB 2411
	Acid and alkali resistance	Discoloration does not occur	ASTM 2671
	Lifetime (100 °C or less)	20 years above	

Drawing:



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10KV Heat shrinkable busbar Datasheet

Model	Applicable busbar width	As Supplied		After Recovery		Packing (L)
		I.D (D)	Wall thickness (H)	Max I.D (d)	Wall thickness (h)	
10KV- 20/9	20	20±0.8	1.0±0.2	≤9	2.2±0.2	25
10KV-30/13	30	30±0.8	1.0±0.2	≤13	2.2±0.2	25
10KV- 40/15	40	40±1.0	1.2±0.2	≤15	2.2±0.2	25
10KV-50/20	50	50±2.0	1.2±0.2	≤20	2.5±0.3	20
10KV-60/24	60	65±3.0	1.2±0.2	≤24	2.8±0.3	20
10KV-80/32	80/100	80±3.0	1.2±0.3	≤32	2.8±0.3	20
10KV-100/40	120	100±4.0	1.2±0.3	≤40	2.8±0.3	20
10KV- 120/48	150	120±4.0	1.2±0.3	≤48	2.8±0.3	20
10K -150/60	200	150±4.0	1.2±0.3	≤60	2.8±0.3	20
10KV-180/70	MAX	180±5.0	1.2±0.3	≤70	2.8±0.3	20
10KV-210/80	MAX	210±5.0	1.2±0.3	≤80	2.8±0.3	20

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35KV Bus bar Heat shrinkable datasheet

Model	Applicable busbar width (mm)	As Supplied		After Recovery		Packing (L)
		I.D (D)	Wall thickness (H)	Max I.D (d)	Wall thickness (h)	
35KV-30/15	30	30±3.0	2.0±0.5	15	4.0±0.3	15
35KV-40/20	40	40±3.0	2.0±0.5	20	4.0±0.3	15
35KV-50/25	50	50±5.0	2.0±0.5	25	4.0±0.3	15
35KV-65/32	60	65±5.0	2.0±0.5	32	4.0±0.3	15
35KV-80/40	80/100	80±5.0	2.0±0.5	40	4.0±0.3	15
35KV-100/50	100/120	100±5.0	2.0±0.5	50	4.0±0.3	15
35KV-120/69	120	120±5.0	2.0±0.5	60	4.0±0.3	15
35KV-150/75	150	150±5.0	2.0±0.5	75	4.0±0.3	15
35KV-180/90	180	180±5.0	2.0±0.5	90	4.0±0.3	15