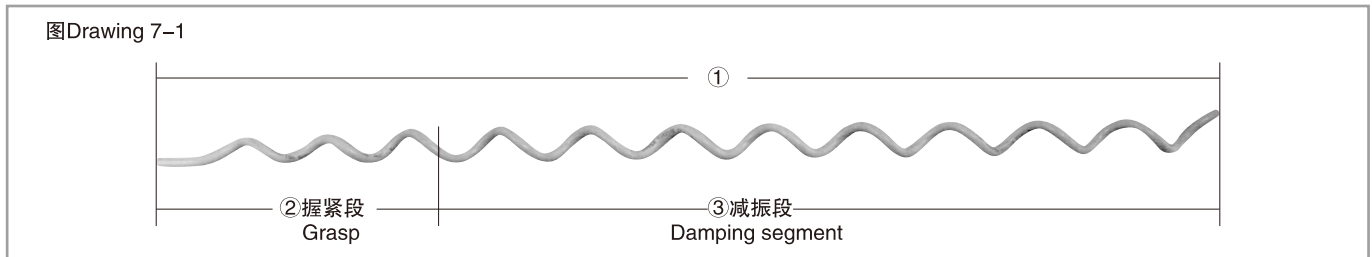


防振鞭 Damper Whip

1. 部件说明(图7-1) Description (Drawing 7-1)



①长度:鉴别导线尺寸

②握紧度:小于导线直径,用于紧握导线

③减振段:螺旋缠绕在导线上,在导线微风振动时产生反方向运动,减振

①Length: distinguish the size of the conductor.

②Grasp: less than the diameter of the conductor, use to grasp the conductor.

③Damping segment: spiral-wound the conductor, move to the reverse direction when conductor vibrate, damping.

2. 用途与结构 Application and Structure

防振鞭安装在导线或地线上,用于减小导线或地线的微风振动。不会引起导线的应力集中,也不会对导线磨损,避免产生腐蚀或电弧灼蚀。

螺旋形防振鞭由一段比较短的握紧段和一段比较长的减振段组成。握紧段能有效握住线缆,将螺旋形防振鞭牢固地固定在线缆上,同时其非金属外壳不会对线缆造成任何损伤。防振段通过与线缆之间的相互碰撞,使线缆上的微风振动得到减弱。

Damper whip is installed on conducting wire or earth wire, reducing their aeolian vibration, causing no stress concentration to the conducting wire, thus neither wearing nor electric burning.

Spiral damper whip is made up of shorter clenching part and longer damping part. The clenching part is used to hold up to the wire effectively, holding the spiral damping whip tight to the wire while its non-metal jacket does no harm to the wire. The damping part reduces the aeolian vibration on the wire by inter-collision with the wire.

3. 材料 Material

防振鞭为固体聚氯乙烯材料制成。Damper whip is made from solid polyethylene.

4. 特点 Features

1) 磨损小:非金属外壳几乎不会对导线或地线产生任何磨损;

2) 防松动:预成型握紧段具有握紧弹性,可保证长期不松动;

3) 防腐蚀:非金属材料性能稳定,有良好的防腐蚀性;

4) 安装简单:无需任何专用工具,徒手就可快捷简便地现场安装,一个人即可完成。

1) less wearing: nonmetal housing almost have no abrade to conductor or earth wire.

2) Anti-backlash: preforming grasp segment have grasp elasticity, could make sure long-term anti-backlash.

3) Anti-corrosion: nonmetal material has steady performance and excellent corrosion resistance.

4) Easy installation: no need any special tools, one person could finish that with bare-handed rapidly.

5. 注意 Notice

1) 防振鞭紧握部分应安装在距护线条或其它金具约一拳宽(15cm)的地方。工程上没有必要精确计算安装位置;

2) 防振鞭在外观良好的情况下可重复使用。

1) The grasp segment of the damper whip should be installed beside the splice or other fittings with distance (15cm). There is no need to refined calculation of the installation place.

2) Damper whip could be used repeatedly under good appearance.

6.选型表 Model table

表7-1推荐数量表 Table 7-1 Recommended quantity table

档距(米) Span(meter)	0 ~ 244	245 ~ 490	491 ~ 732
防振鞭数量 Quantity	2	4	6

表7-2螺旋形防振鞭(导地线用)选型表 Sheet 7-2 Spirality Damper whip (for ground wire) model table

产品型号 Catalogue No.	导地线直径范围(mm) Suitable conductor Dia		导地线类型(GB1179-83) Conductor type		钢绞线(GB1200-75) Stranded Wire	参考长度 Ref clamp length (mm)	重量 Weight (kg)
	最小Min.	最大Max.	LGJ/LGJF	LJ	GJ		
FTL-0830	6.35	8.28	25/4、35/6	25、35	25、35	1245	0.22
FTL-1170	8.29	11.71	50/8、50/30、 70/10	50、70	50、70	1295	0.28
FTL-1430	11.72	14.30	70/40、 95/15、95/20	95、120	95、100、120	1346	0.3
FVD-1930	14.31	19.30	95/55	150、185、210		1651	0.66
			120/7、150/20				
			120/25、120/70				
			150/8、150/20				
			120/25、150/35				
			185/10、185/25				
			185/30				
			210/10				

注:以上只列出部分产品。 Note: Above sheet only includes part of the products.