

安装用电线电缆系列 INSTALLATION WIRES & CABLES

JF 500V 0.75mm² SHANGHAI HANKE DIANXIAN YOUXIANGONGSI

应用范围

适用于交流500V直接永久地与电机绕组连接并引出机壳或绕组与电机壳体连接的引接软线。

APPLICATIONS

Used as pigtail which is directly and permanently connected to 500V motor windings and led out motor casing or connected between winding and motor casing.

电线结构

多股细裸束绞铜丝或镀锡铜丝导体;
绝缘采用丁晴复合物。

WIRE MAKE-UP

Fine bare copper/tinned copper stranded conductor
Combined Acrylonitrile-butadiene and PVC insulation

技术参数

- ① 温度范围: 固定安装 -35℃ ~ +90℃
- ② 额定电压: U₀ 500V
- ③ 符合标准: JB 6213-92
- ④ 导体标准: GB/T 3956-1997 第5、6种
- ⑤ 弯曲半径: 大于4×电线外径

TECHNICAL DATA

- ① Operating Temp.: -35℃ ~ +90℃
- ② Rated Voltage: U₀ 500V
- ③ Governing Standards: JB 6213-92
- ④ Conductor Standards: Category 5, 6 in GB/T 3956-1997
- ⑤ Beanding Radius: more than 4 × wire O.D.

导体截面 Cross Section mm ²	导体结构 根数/单根直径 Conductor Structure Cond. No./O.D	标称外径 Nominal O.D. mm	最大外径 Max O.D. mm	重量(近似) Approx. Weight Kg/Km	导体20℃时 最大电阻 Max. Cond. R@20℃ ≤ (Ω/Km)	环境温度 30℃架空时 参考载流量(A) Ampacity@30℃ Ambient (aerial cable)
0.12	7/0.15	1.65	2.1	4.2	158	3
0.2	12/0.15	1.82	2.3	5.6	92.3	5
0.3	16/0.15	1.91	2.4	6.5	69.2	10
0.4	23/0.15	2.10	2.5	8.2	48.2	13
0.5	16/0.20	2.14	2.6	9.2	39.0	15
0.5	28/0.15	2.21	2.6	9.4	39.0	15
0.75	24/0.20	2.40	2.8	12.3	26.0	20
0.75	42/0.15	2.46	2.8	12.5	26.0	20
1	32/0.20	2.54	3.0	15.1	19.5	24
1.5	30/0.25	2.80	3.3	20.3	13.3	30
2.5	49/0.25	3.50	3.9	32.2	7.93	44
4	56/0.30	4.30	4.7	51.1	4.95	59
6	84/0.30	5.34	6.2	77.4	3.30	75
10	84/0.40	6.84	7.8	133	1.91	101
16	126/0.40	7.99	9.0	190	1.21	137
25	196/0.40	9.88	11.5	291	0.780	182
35	276/0.40	11.35	12.7	400	0.554	228
50	396/0.40	13.03	14.7	561	0.386	293

▲ 载流量是周围温度设定在30℃时的计算值。电线芯数、周围温度、布线状况等条件改变时应乘以系数。(见附录)

▲ Current-carrying capacity is the calculated value based on a ambient temperature of 30℃ and is to be multiplied by a factor when application conditions including number of cores, ambient temperature and wiring condition are changed. (see Appendix)