

CFY(C) PUR 0.6/1.0KV 4 × 1.5mm² SHANGHAI HANKE WIRE CO., LTD.



CFY(C)Y PUR 0.6/1.0KV 4 × 1.5mm² SHANGHAI HANKE WIRE CO., LTD.



应用范围

适用于电机连接电缆,尤其适用于变频器和伺服传动系统。
用于高柔性拖链及极其苛刻的运行环境安装连接。

APPLICATIONS

Suitable for motor connection, especially for frequency converter and servo transmission system. Intended for use as highly flexible energy chain and in the highly demanding operating environment.

电线结构

多股细裸束绞铜丝或镀锡铜丝导体;
(CFY(C)PUR): TPE绝缘,编织屏蔽,橙色PUR护套;
(CFY(C)Y PUR): TPE绝缘,成缆外内护,内护套外编织屏蔽,橙色PUR外护套。

WIRE MAKE-UP

Multi-stranded fine bare copper/tincooper conductor;
CFY(C) PUR: TPE insulation, mesh shield, orange PUR outer sheath
CFY(C)Y PUR: TPE insulation, undersheath outside cabling, mesh shield outside undersheath, orange PUR outer sheath

技术参数

- ① 温度范围: -40℃ ~ +80℃(固定) -25℃ ~ +80℃(移动)
- ② 额定电压: U₀/U 600/1000V
- ③ 符合标准: VDE 0250/0281
- ④ 导体标准: VDE 0295/IEC 60228 6类
- ⑤ 弯曲半径: 大于6 × 电线外径(固定安装)
大于10 × 电线外径(移动安装)

TECHNICAL DATA

- ① Operating Temp.:
-40℃ ~ +80℃ for fixed wiring
-25 ~ +80℃ for movable wiring
- ② Rated Voltage: U₀/U 600/1000V
- ③ Governing Standards: VDE 0250/0281
- ④ Conductor Standards: Category 6 in VDE 0295/IEC 60228
- ⑤ Bending Radius:
more than 6 × wire O.D. (fixed wiring)
more than 10 × wire O.D. (movable wiring)

导体截面 Cross Section 芯数 × mm ² Core. No. × mm ²	导体结构 Conductor Structure 芯数 × 根数/单根直径 Core. No. × 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)
无内护套 (CFY(C) PUR型)						
(4 × 1.5)	(4 × 30/0.25)	9.54	10.6	126	13.3	11
(4 × 2.5)	(4 × 50/0.25)	11.16	12.4	186	7.98	18
(4 × 4)	(4 × 56/0.30)	12.78	14.2	268	4.95	25
(4 × 6)	(4 × 84/0.30)	13.95	15.8	365	3.30	30
(4 × 10)	(4 × 84/0.40)	17.37	20.2	598	1.91	51
(4 × 16)	(4 × 128/0.40)	20.34	24.5	887	1.21	60
(4 × 25)	(4 × 200/0.40)	24.48	29.7	1323	0.780	80
(4 × 35)	(4 × 280/0.40)	29.61	34.3	1811	0.554	105
(4 × 50)	(4 × 400/0.40)	35.28	39.3	2472	0.386	130
有内护套 (CFY(C)Y PUR型)						
(4 × 1.5)	(4 × 30/0.25)	10.89	12.1	210	13.3	11
(4 × 2.5)	(4 × 50/0.25)	12.87	14.3	330	7.98	18
(4 × 4)	(4 × 56/0.30)	14.31	15.9	470	4.95	25
(4 × 6)	(4 × 84/0.30)	15.66	17.4	572	3.30	30
(4 × 10)	(4 × 84/0.40)	19.71	21.9	950	1.91	51
(4 × 16)	(4 × 128/0.40)	22.23	24.7	1135	1.21	60
(4 × 25)	(4 × 200/0.40)	27.18	30.2	1743	0.780	80
(4 × 35)	(4 × 280/0.40)	36.00	41.0	3480	0.554	105

▲ 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)