



应用范围

适用于交流300/500V直流700V及以下的电器开关、仪器仪表、建筑装潢、动力和照明等固定布线。

APPLICATIONS

For fixed wiring of various electric switches, instruments/gauges, building decoration, power and lighting parts at/below voltage 300/500VAC/700VDC

电线结构

单根、多股裸绞铜丝或镀锡铜丝导体；
PVC/C型绝缘，绝缘外尼龙（PA）护套，二、三芯平行排列成形，
PVC/ST4型总外护套。

WIRE MAKE-UP

Bare copper/tinned copper stranded single conductor；
PVC/C insulation, nylon (PA) sheath at outside of insulation；
2/3 cores arrayed in parallel, PVC/ST4 outer overall sheath

技术参数

- ① 温度范围：固定安装 -15℃ ~ +70℃
- ② 额定电压：U₀/U 300/500V
- ③ 符合标准：JB/T 10261-2001
- ④ 导体标准：GB/T 3956-1997 第1、2种
- ⑤ 弯曲半径：大于4×电线外径

TECHNICAL DATA

- ① Operating Temp.: -15℃ ~ +70℃ for fixed wiring
- ② Rated Voltage: U₀/U 300/500V
- ③ Governing Standards: JB/T 10261-2001
- ④ Conductor Standards: Category 1, 2 in GB/T 3956-1997
- ⑤ Bending Radius: more than 4 × wire O.D.

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)
2×0.75	2×1/0.97	3.87×5.94	4.5×6.8	40.5	24.5	12
2×1	2×1/1.13	4.03×6.26	4.7×7.3	47.1	18.1	14
2×1.5	2×1/1.38	4.24×6.76	4.9×7.8	59.5	12.1	18
2×2.5	2×1/1.78	4.88×7.76	5.6×8.9	86.4	7.41	26
2×4	2×1/2.25	5.35×8.70	6.2×10.0	121	4.61	36
2×4	2×7/0.85	5.65×9.30	6.3×10.3	129	4.61	36
2×6	2×1/2.76	6.26×10.30	7.2×11.8	175	3.08	47
2×6	2×7/1.04	6.62×11.04	7.4×12.3	186	3.08	47
2×10	2×1/3.58	7.78×13.16	8.9×15.1	286	1.83	68
2×10	2×7/1.35	8.25×14.19	9.3×15.6	305	1.83	68
3×0.75	3×1/0.97	3.87×8.01	4.5×9.2	55.7	24.5	9
3×1	3×1/1.13	4.03×8.49	4.7×9.8	65.9	18.1	11
3×1.5	3×1/1.38	4.28×9.24	4.9×10.6	84.4	12.1	12
3×2.5	3×1/1.78	4.88×10.64	5.6×12.2	123	7.41	20
3×4	3×1/2.25	5.55×12.25	6.4×14.0	179	4.61	26
3×4	3×7/0.85	5.85×13.15	6.4×14.0	191	4.61	26
3×6	3×1/2.76	6.26×14.38	7.2×16.5	253	3.08	32
3×6	3×7/1.04	6.62×15.46	7.4×17.2	270	3.08	32
3×10	3×1/3.58	7.78×18.54	8.9×21.2	427	1.83	54
3×10	3×7/1.35	8.25×19.95	9.3×22.2	444	1.83	54

▲ 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)