

60227 IEC 52(RVV)型 轻型聚氯乙烯护套软线
60227 IEC 53(RVV)型 普通聚氯乙烯护套软线
60227 IEC 52(RVV) Light-duty PVC-sheathed flexible cord
60227 IEC 53(RVV) Ordinary PVC-sheathed flexible cord



软电线电缆系列

FLEXIBLE WIRES & CABLES

3C证书号:
2005010105158879

CCC A042117 60227 IEC 52(RVV) 300/300V 3×0.5mm² SHANGHAI HANKE DIANXIAN YOUXIAN GONGSI

CCC A042117 60227 IEC 53(RVV) 300/500V 5×0.75mm² SHANGHAI HANKE DIANXIAN

应用范围

适用于家用电器、仪器仪表、电子设备、电动工具、自动装置等一般移动场合的连接。

APPLICATIONS

For normal movable wiring in household appliances, instruments/gauges, electronic equipment, electric tools, automatic units.

电线结构

多股细裸束绞铜丝或镀锡铜丝导体;
PVC/D型绝缘,PVC/ST5型护套。

WIRE MAKE-UP

Fine bare copper/tinned copper stranded conductor;
PVC/D insulation, PVC/ST5 sheath

技术参数

- ① 温度范围: 固定安装 -15℃ ~ +70℃
移动安装 -5℃ ~ +70℃
- ② 额定电压: U₀/U 52(RVV)300/300V
53(RVV)300/500V
- ③ 符合标准: GB/T 5023.5-2008、及补充标准
- ④ 导体标准: GB/T 3956-1997 第5种
- ⑤ 弯曲半径: 大于4×电线外径(固定)
大于15×电线外径(一般移动)

TECHNICAL DATA

- ① Operating Temp.:
-15℃ ~ +70℃ for fixed wiring
-5℃ ~ +70℃ for movable wiring
- ② Rated Voltage: U₀/U 52(RVV)300/300V; 53(RVV)300/500V
- ③ Governing Standards: GB/T 5023.5-2008 and its addendum
- ④ Conductor Standards: Category 5 in GB/T 3956-1997
- ⑤ Bending Radius:
more than 4× wire O.D. (fixed wiring)
more than 15× wire O.D. (normal 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) Ambient (aerial cable)
				挤管式	挤压式		
60227 IEC 52(RVV)300/300V							
2 × 0.5	2 × 16/0.20	3.14 × 5.08	3.7 × 5.9	25.6	27.8	39.0	9
2 × 0.75	2 × 24/0.20	3.40 × 5.60	3.8 × 6.3	31.9	34.5	26.0	11
2 × 0.5	2 × 16/0.20	5.08	5.9	32.2	39.2	39.0	9
2 × 0.75	2 × 24/0.20	5.60	6.3	40.0	49.4	26.0	11
3 × 0.5	3 × 16/0.20	5.38	6.3	42.1	47.7	39.0	7
3 × 0.75	3 × 24/0.20	5.94	6.7	53.4	60.9	26.0	8
60227 IEC 53(RVV)300/500V							
2 × 0.75	2 × 24/0.20	4.00 × 6.40	4.5 × 7.2	40.0	43.7	26.0	11
2 × 1	2 × 32/0.20	4.14 × 6.68	4.7 × 7.5	46.7	54.2	19.5	13
2 × 1.5	2 × 30/0.25	4.60 × 7.60	5.8 × 8.0	62.8	72.3	13.3	17
2 × 2.5	2 × 50/0.25	5.70 × 9.40	7.1 × 10.0	99.4	114	7.98	24
2 × 4	2 × 56/0.30	6.30 × 10.60	7.9 × 11.6	138	157	4.95	34
2 × 6	2 × 84/0.30	7.14 × 12.08	8.8 × 13.4	192	216	3.30	44
2 × 0.75	2 × 24/0.20	6.40	7.2	51.1	61.9	26.0	11
2 × 1	2 × 32/0.20	6.68	7.5	58.2	70.1	19.5	13
2 × 1.5	2 × 30/0.25	7.60	8.6	75.8	94.3	13.3	17
2 × 2.5	2 × 50/0.25	9.40	10.6	116	142	7.98	24
2 × 4	2 × 56/0.30	10.80	12.4	168	205	4.95	34

(续)

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)
				挤管式	挤压式		
3×0.75	3×24/0.20	6.77	7.6	64.1	73.4	26.0	8
3×1	3×32/0.20	7.07	8.0	75.2	85.8	19.5	10
3×1.5	3×30/0.25	8.26	9.4	106	115	13.3	11
3×2.5	3×50/0.25	10.17	11.4	158	180	7.98	18
3×4	3×56/0.30	11.66	13.5	232	260	4.95	25
4×0.75	4×24/0.20	7.39	8.3	81.5	89.0	26.0	8
4×1	4×32/0.20	7.93	9.0	98.8	108	19.5	10
4×1.5	4×30/0.25	9.24	10.5	137	151	13.3	11
4×2.5	4×50/0.25	11.13	12.5	199	218	7.98	18
4×4	4×56/0.30	12.78	14.6	295	321	4.95	25
5×0.75	5×24/0.20	8.28	9.3	99.8	111	26.0	
5×1	5×32/0.20	8.66	9.8	117	129	19.5	
5×1.5	5×30/0.25	10.30	11.6	168	187	13.3	
5×2.5	5×50/0.25	12.34	13.9	243	268	7.98	
5×4	5×56/0.30	14.41	16.5	366	399	4.95	

▲ 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)