

固定布线用电线电缆系列 WIRES & CABLES FOR FIXED WIRING

3C证书号:
2005010105158878

CCC A042117 60227 IEC 10 (BVV) 300/500V 4 × 1.5 mm² SHANGHAI HANKE DIAN

60227 IEC 10(BVV) 300/500V 4 × 16mm² SHANGHAI HANKE DIANXIAN

应用范围

主要适用于建筑配套、电器开关和动力照明等固定布线。

APPLICATIONS

mainly for fixed wiring of building accessories, electric switches, power and lighting parts.

电线结构

单根、多股裸绞铜丝或镀锡铜丝导体；
PVC/C型绝缘,PVC/填充型内护套,PVC/ST4型外护套。

WIRE MAKE-UP

Bare copper/tinned copper stranded single conductor；
PVC/C insulation, PVC/ undersheath, PVC/ST4 outer sheath

技术参数

- Ⓘ 温度范围：固定安装 -15℃ ~ +70℃
- Ⓙ 额定电压：U₀/U 300/500V
- Ⓢ 符合标准：GB/T 5023.4-2008
- Ⓣ 导体标准：GB/T 3956-1997 第1、2种
- Ⓚ 弯曲半径：大于4 × 电线外径

TECHNICAL DATA

- Ⓘ Operating Temp.: -15℃ ~ +70℃ for fixed wiring
- Ⓙ Rated Voltage: U₀/U 300/500V, 450/750V
- Ⓢ Governing Standards: GB/T 5023.4-2008
- Ⓣ Conductor Standards: Category 1, 2 in GB/T 3956-1997
- Ⓚ 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 × 1.5	2 × 1/1.38	9.24	10.0	121	12.1	18
2 × 1.5	2 × 7/0.52	9.60	10.5	130	12.1	18
2 × 2.5	2 × 1/1.78	10.44	11.5	165	7.41	26
2 × 2.5	2 × 7/0.68	10.96	12.0	179	7.41	26
2 × 4	2 × 1/2.25	11.38	12.5	213	4.61	36
2 × 4	2 × 7/0.85	11.98	13.0	231	4.61	36
2 × 6	2 × 1/2.76	12.40	13.5	244	3.08	47
2 × 6	2 × 7/1.04	13.12	14.0	296	3.08	47
2 × 10	2 × 1/3.58	15.72	16.5	449	1.83	68
2 × 10	2 × 7/1.35	16.66	17.5	487	1.83	68
3 × 1.5	3 × 1/1.38	9.67	10.5	141	12.1	12
3 × 1.5	3 × 7/0.52	10.06	11.0	153	12.1	12
3 × 2.5	3 × 1/1.78	10.96	12.0	198	7.41	20
3 × 2.5	3 × 7/0.68	11.52	12.5	216	7.41	20
3 × 4	3 × 1/2.25	11.97	13.0	262	4.61	26
3 × 4	3 × 7/0.85	12.62	13.5	283	4.61	26
3 × 6	3 × 7/2.76	13.55	14.5	357	3.08	32
3 × 6	3 × 7/1.04	14.33	15.5	384	3.08	32
3 × 10	3 × 1/3.58	16.58	17.5	565	1.83	54
3 × 10	3 × 7/1.35	17.59	19.0	609	1.83	54

(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)
4 × 1.5	4 × 1/1.38	10.39	11.5	171	12.1	12
4 × 1.5	4 × 7/0.52	10.83	12.0	182	12.1	12
4 × 2.5	4 × 1/1.78	11.84	13.0	240	7.41	20
4 × 2.5	4 × 7/0.68	12.47	13.5	261	7.41	20
4 × 4	4 × 1/2.25	13.45	14.5	334	4.61	26
4 × 4	4 × 7/0.85	14.18	15.0	361	4.61	26
4 × 6	4 × 1/2.76	15.09	16.0	454	3.08	32
4 × 6	4 × 7/1.04	15.95	17.0	488	3.08	32
4 × 10	4 × 1/3.58	18.03	19.0	701	1.83	54
4 × 10	4 × 7/1.35	19.16	20.5	753	1.83	54
5 × 1.5	5 × 1/1.38	11.19	12.0	200	12.1	
5 × 1.5	5 × 7/0.52	11.67	12.5	213	12.1	
5 × 2.5	5 × 1/1.78	12.81	14.0	283	7.41	
5 × 2.5	5 × 7/0.68	13.51	14.5	308	7.41	
5 × 4	5 × 1/2.25	14.96	16.0	411	4.61	
5 × 4	5 × 7/0.85	15.77	17.0	443	4.61	
5 × 6	5 × 1/2.76	16.33	17.5	541	3.08	
5 × 6	5 × 7/1.04	17.30	18.5	580	3.08	
5 × 10	5 × 1/3.58	19.63	21.0	840	1.83	
5 × 10	5 × 7/1.35	20.90	22.0	902	1.83	
※ 2 × 16	2 × 7/1.70	18.76	20.0	668	1.15	92
※ 2 × 25	2 × 7/2.14	22.60	24.0	1014	0.727	128
※ 2 × 35	2 × 7/2.52	25.76	27.5	1352	0.524	160
※ 3 × 16	3 × 7/1.70	20.25	21.5	873	1.15	79
※ 3 × 25	3 × 7/2.14	24.44	26.0	1325	0.727	109
※ 3 × 35	3 × 7/2.52	27.29	29.0	1740	0.524	136
※ 4 × 16	4 × 7/1.70	22.10	23.5	1088	1.15	92
※ 4 × 25	4 × 7/2.14	27.13	28.5	1685	0.727	128
※ 4 × 35	4 × 7/2.52	29.88	32.0	2185	0.524	160
※ 5 × 16	5 × 7/1.70	24.61	26.0	1333	1.15	
※ 5 × 25	5 × 7/2.14	29.65	31.5	2030	0.727	
※ 5 × 35	5 × 7/2.52	33.13	53.0	2675	0.524	

※ 不可印有CCC标记

▲ 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)

※ "CCC" mark on cable product is not allowed.

▲ 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)