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CCC A042117 AVVR 300/300V 7×0.12mm² SHANGHAI HANKE DIANXIAN YOUXIAN GONGSI



应用范围

适用于额定电压300/300V及以下的电器、仪表、电子设备等自动化装置的内部布线用。

APPLICATIONS

For internal wiring of various general-use or heat resistant electric appliances, instruments/gauges, electronic equipment and other automated equipment at/below voltage 300/300V.

电线结构

多股细裸束绞铜丝或镀锡铜丝导体；
二芯线平行（AVVR平护）、芯线成缆（AVVR圆护）；
PVC/C型绝缘,PVC/ST4型护套。

WIRE MAKE-UP

Fine bare copper/tinned copper stranded conductor twin conductor arranged in parallel (ACCR plain sheath), core cabling (AVVR round sheath) PVC/C insulation, PVC/ST4 sheath

技术参数

- ① 温度范围: -10℃ ~ +70℃
- ② 额定电压: U₀/U 300/300V
- ③ 符合标准: JB 8734.4-1998
- ④ 导体标准: GB/T 3956-1997第6种

TECHNICAL DATA

- ① Operating Temp.: -15℃ ~ +70℃
- ② Rated Voltage: U₀/U 300/300V
- ③ Governing Standards: JB 8734.4-1998
- ④ Conductor Standards: Category 6 in GB/T 3956-1997

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		
2×0.08	2×7/0.12	2.36×3.52	2.7×4.1	12.9		247	1
2×0.12	2×7/0.15	2.45×3.70	2.8×4.3	14.6		158	2
2×0.2	2×12/0.15	2.62×4.04	3.0×4.7	18.0		92.3	3
2×0.3	2×16/0.15	2.91×4.62	3.4×5.3	11.4		69.2	6
2×0.4	2×23/0.15	3.10×5.00	3.5×5.7	27.7		48.2	8
2×0.08	2×7/0.12	3.52	4.1	14.7	16.9	247	1
2×0.12	2×7/0.15	3.70	4.3	16.6	19.2	158	2
2×0.2	2×12/0.15	4.04	4.7	20.4	23.7	92.3	3
2×0.3	2×16/0.15	4.62	5.3	25.9	30.9	69.2	6
2×0.4	2×23/0.15	5.00	5.7	31.0	37.2	48.2	8
3×0.12	3×7/0.15	3.89	4.5	20.0	22.0	158	1
3×0.2	3×12/0.15	4.26	4.9	25.1	27.7	92.3	2
3×0.3	3×16/0.15	4.88	5.7	32.4	36.3	69.2	4
3×0.4	3×23/0.15	5.29	6.0	39.1	44.1	48.2	5
4×0.12	4×7/0.15	4.22	4.9	24.2	26.9	158	1
4×0.2	4×12/0.15	4.63	5.4	30.8	34.3	92.3	2
4×0.3	4×16/0.15	5.33	6.2	40.0	45.1	69.2	4
4×0.4	4×23/0.15	5.79	6.6	48.7	55.0	48.2	5
5×0.12	5×7/0.15	4.58	5.3	27.6	30.4	158	
5×0.2	5×12/0.15	5.03	5.8	35.2	38.8	92.3	
5×0.3	5×16/0.15	5.82	6.7	46.1	51.3	69.2	
5×0.4	5×23/0.15	6.33	7.2	56.3	62.8	48.2	

安装用电线电缆系列 INSTALLATION WIRES & CABLES

(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		
6×0.12	6×7/0.15	4.95	5.7	31.9	35.1	158	
6×0.2	6×12/0.15	5.46	6.3	41.2	45.2	92.3	
6×0.3	6×16/0.15	6.33	7.3	54.2	59.7	69.2	
6×0.4	6×23/0.15	6.90	7.8	66.5	73.3	48.2	
7×0.12	7×7/0.15	4.95	5.7	34.4	37.6	158	
7×0.2	7×12/0.15	5.46	6.3	44.7	48.7	92.3	
7×0.3	7×16/0.15	6.33	7.3	59.2	64.7	69.2	
7×0.4	7×23/0.15	6.90	7.8	73.3	80.1	48.2	
10×0.12	10×7/0.15	6.20	7.2	47.7	52.8	158	
10×0.2	10×12/0.15	6.88	8.0	62.2	68.8	92.3	
10×0.3	10×16/0.15	8.44	9.7	92.0	101	69.2	
10×0.4	10×23/0.15	9.20	10.4	113	124	48.2	
12×0.12	12×7/0.15	6.39	7.4	53.8	58.3	158	
12×0.2	12×12/0.15	7.10	8.2	70.9	76.7	92.3	
12×0.3	12×16/0.15	8.71	10.1	105	113	69.2	
12×0.4	12×23/0.15	9.49	10.8	129	140	48.2	
14×0.12	14×7/0.15	6.72	7.8	60.7	65.2	158	
14×0.2	14×12/0.15	7.87	9.1	88.7	94.7	92.3	
14×0.3	14×16/0.15	9.15	10.6	118	126	69.2	
14×0.4	14×23/0.15	9.99	11.3	146	157	48.2	
16×0.12	16×7/0.15	7.08	8.2	68.0	72.6	158	
16×0.2	16×12/0.15	8.27	9.6	99.1	105	92.3	
16×0.3	16×16/0.15	9.64	11.1	132	141	69.2	
16×0.4	16×23/0.15	10.53	11.9	164	175	48.2	
19×0.12	19×7/0.15	7.85	9.1	86.1	91.0	158	
19×0.2	19×12/0.15	8.70	10.1	113	119	92.3	
19×0.3	19×16/0.15	10.15	11.7	151	161	69.2	
19×0.4	19×23/0.15	11.10	12.6	189	200	48.2	
24×0.12	24×7/0.15	9.10	10.6	107	113	158	
24×0.2	24×12/0.15	10.12	11.7	141	149	92.3	
24×0.3	24×16/0.15	12.26	14.2	203	216	69.2	
24×0.4	24×23/0.15	13.40	15.2	251	266	48.2	

▲ 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)