

RVV 300/300V 4 × 0.5mm² SHANGHAI HANKE DIANXIAN YOUXIAN GONGSI

RVV 300/500V 6 × 0.75mm² SHANGHAI HANKE DIANXIAN YOUXIAN GONGSI

应用范围

适用于家用电器、仪器仪表、电子设备、动力设备和照明等一般移动场合。

APPLICATIONS

For movable wiring of household appliances, instruments/gauges, electronic equipment, power 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 300/300V, 300/500V
- ③ 符合标准：Q/JBRR01-2005
- 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 300/300V, 300/500V
- ③ Governing Standards: Q/JBRR01-2005
- 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) Ampacity@30℃ Ambient (aerial cable)
				挤管式	挤压式		
Q/JBRR01–2005 0.5mm ² RVV 300/300V							
4 × 0.5	4 × 16/0.20	6.36	7.40	59.1	64.6	39.0	7
5 × 0.5	5 × 16/0.20	6.92	7.60	69.3	76.2	39.0	
6 × 0.5	6 × 16/0.20	7.51	8.20	80.9	88.3	39.0	
7 × 0.5	7 × 16/0.20	7.51	8.20	88.6	96.4	39.0	
8 × 0.5	8 × 16/0.20	8.10	9.10	100	108	39.0	
10 × 0.5	10 × 16/0.20	9.48	11.0	124	136	39.0	
12 × 0.5	12 × 16/0.20	9.78	11.0	143	154	39.0	
14 × 0.5	14 × 16/0.20	10.30	11.5	162	170	39.0	
16 × 0.5	16 × 16/0.20	10.86	12.5	181	192	39.0	
19 × 0.5	19 × 16/0.20	11.85	13.0	221	233	39.0	
24 × 0.5	24 × 16/0.20	13.82	15.7	275	291	39.0	
Q/JBRR01–2005 0.75mm ² RVV 300/500V							
6 × 0.75	6 × 24/0.20	8.80	9.6	111.9	122.8	26.0	
7 × 0.75	7 × 24/0.20	8.80	9.6	124	134.8	26.0	
8 × 0.75	8 × 24/0.20	9.92	10.9	150.6	162.0	26.0	
10 × 0.75	10 × 24/0.20	11.60	12.7	185.6	204.2	26.0	
12 × 0.75	12 × 24/0.20	12.37	13.5	226.7	243.4	26.0	
14 × 0.75	14 × 24/0.20	12.73	14.2	244.6	261.5	26.0	
16 × 0.75	16 × 24/0.20	13.68	14.9	285.7	302.6	26.0	
19 × 0.75	19 × 24/0.20	14.40	15.7	328.6	346.1	26.0	
24 × 0.75	24 × 24/0.20	16.80	18.4	409	433.4	26.0	

(续-I)

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		
Q/JBRR01-2005 1mm ² RVV 300/500V							
6 × 1	6 × 32/0.20	9.34	10.5	125.9	135.0	19.5	
7 × 1	7 × 32/0.20	9.34	10.5	137.0	147.0	19.5	
8 × 1	8 × 32/0.20	10.08	11.2	217.1	235.0	19.5	
10 × 1	10 × 32/0.20	12.28	14.0	196.5	215.0	19.5	
12 × 1	12 × 32/0.20	12.68	14.5	241.2	265.0	19.5	
14 × 1	14 × 32/0.20	13.34	15.0	288.7	307.5	19.5	
16 × 1	16 × 32/0.20	14.08	15.5	308.0	328.0	19.5	
19 × 1	19 × 32/0.20	14.85	16.6	356.6	380.0	19.5	
24 × 1	24 × 32/0.20	17.42	19.9	437.2	475.0	19.5	
Q/JBRR01-2005 1.5mm ² RVV 300/500V							
6 × 1.5	6 × 30/0.25	10.72	11.5	178.9	198.5	13.3	
7 × 1.5	7 × 30/0.25	10.72	11.5	200.3	225	13.3	
8 × 1.5	8 × 30/0.25	12.03	12.3	240.5	265	13.3	
10 × 1.5	10 × 30/0.25	14.36	15.0	305.7	335.8	13.3	
12 × 1.5	12 × 30/0.25	14.83	15.5	353.8	380.4	13.3	
14 × 1.5	14 × 30/0.25	15.62	16.5	403.3	429.8	13.3	
16 × 1.5	16 × 30/0.25	16.49	17.3	452.2	479.3	13.3	
19 × 1.5	19 × 30/0.25	17.40	18.2	524.5	551.4	13.3	
24 × 1.5	24 × 30/0.25	20.44	21.9	658.0	697.5	13.3	
Q/JBRR01-2005 2mm ² (RVV) 300/500V							
2 × 2	2 × 64/0.20	9.28	10.5	113.5	139.8	10.0	20
3 × 2	3 × 64/0.20	9.84	11.5	140.7	161.1	10.0	13
4 × 2	4 × 64/0.20	10.79	12.5	178.0	196.4	10.0	13
5 × 2	5 × 64/0.20	12.03	13.0	196.5	220.1	10.0	
6 × 2	6 × 64/0.20	13.12	14.5	254.8	280.2	10.0	
7 × 2	7 × 64/0.20	13.12	14.5	283.4	308.9	10.0	
8 × 2	8 × 64/0.20	14.21	15.6	321.7	347.8	10.0	
10 × 2	10 × 64/0.20	16.76	18.5	399.7	442.5	10.0	
12 × 2	12 × 64/0.20	17.32	19.1	463.3	501.0	10.0	
14 × 2	14 × 64/0.20	18.27	20.2	531.9	570.4	10.0	
16 × 2	16 × 64/0.20	19.31	21.3	596.7	634.6	10.0	
19 × 2	19 × 64/0.20	20.40	22.6	692.5	733.7	10.0	
Q/JBRR01-2005 2.5mm ² RVV 300/500V							
6 × 2.5	6 × 50/0.25	13.64	16	283.4	308.0	7.98	
7 × 2.5	7 × 50/0.25	13.64	16	331.4	356.5	7.98	
8 × 2.5	8 × 50/0.25	14.74	17	376.3	404.2	7.98	
10 × 2.5	10 × 50/0.25	17.36	20.2	466.8	512.6	7.98	
12 × 2.5	12 × 50/0.25	17.94	20.9	542.1	582.4	7.98	
14 × 2.5	14 × 50/0.25	18.91	22.1	622.3	662.0	7.98	
16 × 2.5	16 × 50/0.25	19.98	23.3	698.4	739.7	7.98	
19 × 2.5	19 × 50/0.25	21.10	24.7	812.7	855.3	7.98	
Q/JBRR01-2005 4mm ² RVV 300/500V							
6 × 4	6 × 56/0.30	15.42	18.2	415.9	451.3	4.95	
7 × 4	7 × 56/0.30	15.42	18.2	466.6	502.1	4.95	
Q/JBRR01-2005 6mm ² RVV 300/500V							
2 × 6	2 × 84/0.30	12.36	15.0	230.6	279.9	3.30	44
3 × 6	3 × 84/0.30	13.13	17.1	311.7	349.9	3.30	30
4 × 6	4 × 84/0.30	14.42	18.9	398.9	440.5	3.30	30
5 × 6	5 × 84/0.30	15.85	20.0	479.6	524.0	3.30	
6 × 6	6 × 84/0.30	17.34	22.0	567.9	613.8	3.30	
7 × 6	7 × 84/0.30	17.34	22.0	640.9	688.2	3.30	

(续-II)

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		
Q/JBRR01-2005 10mm ² RVV 300/500V							
2 × 10	2 × 84/0.40	16.18	19.0	392.5	460.0	1.91	64
3 × 10	3 × 84/0.40	17.17	21.0	506.7	580.6	1.91	51
4 × 10	4 × 84/0.40	18.85	22.5	647.9	720.4	1.91	51
5 × 10	5 × 84/0.40	21.13	25.0	820.6	892.4	1.91	
6 × 10	6 × 84/0.40	23.26	27.4	970.0	1046	1.91	
7 × 10	7 × 84/0.40	23.26	27.4	1097	1173	1.91	
Q/JBRR01-2005 16mm ² RVV 300/500V							
2 × 16	2 × 126/0.40	18.48	22.0	501.9	631.3	1.21	85
3 × 16	3 × 126/0.40	20.05	23.5	717.6	819.9	1.21	60
4 × 16	4 × 126/0.40	22.02	25.5	919.8	1012	1.21	60
5 × 16	5 × 126/0.40	24.23	28.0	1131	1231	1.21	
6 × 16	6 × 126/0.40	26.75	31.5	1352	1458	1.21	
7 × 16	7 × 126/0.40	26.75	31.5	1534	1639	1.21	

▲ 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)