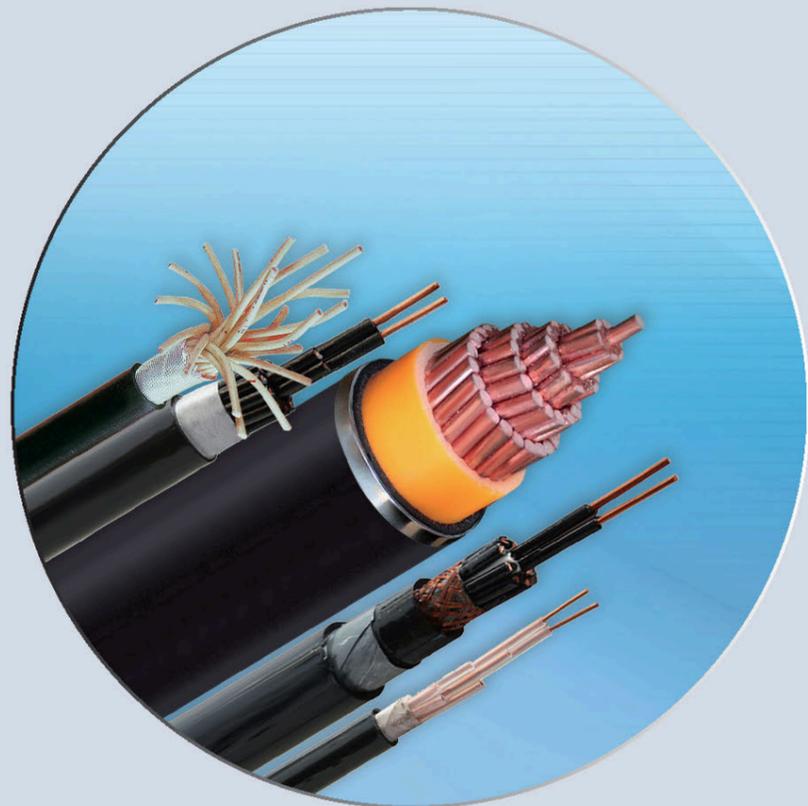




控制电缆

Control cable



p93 聚氯乙烯绝缘控制电缆
PVC Insulated Control Cable

p115 交联聚乙烯绝缘控制电缆
XLPE insulated control cable

聚氯乙烯绝缘控制电缆 PVC insulated control cable

1 执行标准 Implementation standards

GB/T 9330.1-2008、GB/T 9330.2-2008、GB/T 19666-2005

2 用途 Use

本产品适用于交流额定电压450/750V及以下的控制、监控回路及保护线路等场合。

This product is suitable for AC rated voltage 450/750V and the following control, monitoring circuit and protection circuit and so on.

3 使用特性 Use characteristics

3.1 电缆的导体最高工作温度为70°C。

3.1 The conductor of the cable is the maximum operating temperature of 70.

3.2 敷设时环境温度不低于0°C。

3.2 Ambient temperature is not less than 0°C.

3.3 电缆阻燃性能满足GB/T19666-2005标准中相应指标要求。

3.3 Cable flame retardant properties meet the requirements of the corresponding indicators in the GB/T19666-2005 standard.

3.4 短路时电缆导体的最高温度不超过160°C，时间不超过5S。

3.4 The maximum temperature of cable conductor should not exceed 160°C when short circuit, and the time should not exceed 5S.

4 产品型号 (表1) Product model (Table 1)

型号 Model		名称 Name
KVV	Z(A\B\C)-KVV	聚氯乙烯绝缘聚氯乙烯护套控制电缆 PVC insulated and sheathed control cable
KVVP	Z(A\B\C)-KVVP	聚氯乙烯绝缘聚氯乙烯护套编织屏蔽控制电缆 PVC insulated and sheathed control cable
KVVP2	Z(A\B\C)-KVVP2	聚氯乙烯绝缘聚氯乙烯护套铜带屏蔽控制电缆 PVC insulated PVC sheathed copper shielded control cable
KVV22	Z(A\B\C)-KVV22	聚氯乙烯绝缘聚氯乙烯护套钢带铠装控制电缆 PVC insulated PVC sheathed control cable
KVVP2-22	Z(A\B\C)-KVVP2-22	聚氯乙烯绝缘聚氯乙烯护套铜带屏蔽钢带铠装控制电缆 PVC insulated PVC sheathed copper tape shielding control cable
KVVP-22	Z(A\B\C)-KVVP-22	聚氯乙烯绝缘聚氯乙烯护套铜丝屏蔽钢带铠装控制电缆 PVC insulated PVC sheathed copper wire shield steel tape armored control cable
KVV32	Z(A\B\C)-KVV32	聚氯乙烯绝缘聚氯乙烯护套钢丝铠装控制电缆 PVC insulated PVC sheathed steel tape armored control cable
KVVR	Z(A\B\C)-KVVR	聚氯乙烯绝缘聚氯乙烯护套控制软电缆 PVC insulated and sheathed control cables
KVVRP	Z(A\B\C)-KVVRP	聚氯乙烯绝缘聚氯乙烯护套编织屏蔽控制软电缆 Preparation of PVC insulated and sheathed control cable

注：ZR(A\B\C)等同于Z(A\B\C)。

Note: ZR (A\B\C) is equivalent to Z (A\B\C).

5. 电缆结构尺寸 (表2~表10) Cable structure size (Table 2~10)

表2 KVV型、ZKVV型						
标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度绝缘电阻 Working tem- perature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
2×0.75	0.6	1.2	7.3	64	0.012	24.5
3×0.75	0.6	1.2	7.7	77	0.012	24.5
4×0.75	0.6	1.2	8.3	93	0.012	24.5
5×0.75	0.6	1.2	8.9	101	0.012	24.5
7×0.75	0.6	1.2	9.5	123	0.012	24.5
8×0.75	0.6	1.2	10.5	143	0.012	24.5
10×0.75	0.6	1.2	11.7	172	0.012	24.5
12×0.75	0.6	1.5	12.6	214	0.012	24.5
14×0.75	0.6	1.5	13.2	237	0.012	24.5
16×0.75	0.6	1.5	13.8	267	0.012	24.5
19×0.75	0.6	1.5	14.5	296	0.012	24.5
24×0.75	0.6	1.5	16.6	370	0.012	24.5
27×0.75	0.6	1.5	16.9	409	0.012	24.5
30×0.75	0.6	1.5	17.5	441	0.012	24.5
37×0.75	0.6	1.5	18.8	522	0.012	24.5
44×0.75	0.6	1.7	21.4	636	0.012	24.5
48×0.75	0.6	1.7	21.7	684	0.012	24.5
52×0.75	0.6	1.7	22.2	730	0.012	24.5
61×0.75	0.6	1.7	23.5	833	0.012	24.5
2×1	0.6	1.2	7.7	71	0.011	18.1
3×1	0.6	1.2	8.0	87	0.011	18.1
4×1	0.6	1.2	8.6	106	0.011	18.1
5×1	0.6	1.2	9.3	117	0.011	18.1
7×1	0.6	1.2	10.0	144	0.011	18.1
8×1	0.6	1.2	11.0	168	0.011	18.1
10×1	0.6	1.2	12.3	202	0.011	18.1
12×1	0.6	1.5	13.3	250	0.011	18.1
14×1	0.6	1.5	13.9	279	0.011	18.1
16×1	0.6	1.5	14.6	315	0.011	18.1
19×1	0.6	1.5	15.3	352	0.011	18.1
24×1	0.6	1.5	17.6	440	0.011	18.1
27×1	0.6	1.5	17.9	487	0.011	18.1
30×1	0.6	1.5	18.5	528	0.011	18.1
37×1	0.6	1.7	20.3	646	0.011	18.1
44×1	0.6	1.7	22.6	763	0.011	18.1
48×1	0.6	1.7	23.0	822	0.011	18.1
52×1	0.6	1.7	23.6	878	0.011	18.1
61×1	0.6	1.7	25.0	1007	0.011	18.1

续表2 KVV型、ZKVV型						
标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度绝缘电阻 Working tem- perature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
2×1.5	0.7	1.2	8.6	89	0.011	12.1
3×1.5	0.7	1.2	9.0	111	0.011	12.1
4×1.5	0.7	1.2	9.7	137	0.011	12.1
5×1.5	0.7	1.2	10.5	156	0.011	12.1
7×1.5	0.7	1.2	11.3	196	0.011	12.1
8×1.5	0.7	1.5	13.2	244	0.011	12.1
10×1.5	0.7	1.5	14.7	294	0.011	12.1
12×1.5	0.7	1.5	15.2	339	0.011	12.1
14×1.5	0.7	1.5	15.9	381	0.011	12.1
16×1.5	0.7	1.5	16.7	431	0.011	12.1
19×1.5	0.7	1.5	17.5	488	0.011	12.1
24×1.5	0.7	1.7	20.7	629	0.011	12.1
27×1.5	0.7	1.7	21.1	696	0.011	12.1
30×1.5	0.7	1.7	21.8	757	0.011	12.1
37×1.5	0.7	1.7	23.5	904	0.011	12.1
44×1.5	0.7	1.7	26.2	1069	0.011	12.1
48×1.5	0.7	1.7	26.7	1154	0.011	12.1
52×1.5	0.7	1.7	27.4	1236	0.011	12.1
61×1.5	0.7	1.7	29.0	1424	0.011	12.1
2×2.5	0.8	1.2	9.8	119	0.01	7.41
3×2.5	0.8	1.2	10.3	154	0.01	7.41
4×2.5	0.8	1.2	11.2	192	0.01	7.41
5×2.5	0.8	1.2	12.1	223	0.01	7.41
7×2.5	0.8	1.2	13.1	287	0.01	7.41
8×2.5	0.8	1.5	15.3	351	0.01	7.41
10×2.5	0.8	1.5	17.1	427	0.01	7.41
12×2.5	0.8	1.5	17.7	496	0.01	7.41
14×2.5	0.8	1.5	18.5	563	0.01	7.41
16×2.5	0.8	1.5	19.5	637	0.01	7.41
19×2.5	0.8	1.7	20.9	748	0.01	7.41
24×2.5	0.8	1.7	24.3	936	0.01	7.41
27×2.5	0.8	1.7	24.8	1038	0.01	7.41
30×2.5	0.8	1.7	25.7	1135	0.01	7.41
37×2.5	0.8	1.7	27.7	1367	0.01	7.41
44×2.5	0.8	2.0	31.7	1663	0.01	7.41
48×2.5	0.8	2.0	32.2	1798	0.01	7.41
52×2.5	0.8	2.0	33.0	1924	0.01	7.41
61×2.5	0.8	2.2	35.4	2252	0.01	4.61

续表2 KVVP型、ZKVVP型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度绝缘电阻 Working tem- perature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
2×4	0.8	1.2	10.7	155	0.0085	4.61
3×4	0.8	1.2	11.3	203	0.0085	4.61
4×4	0.8	1.2	12.3	262	0.0085	4.61
5×4	0.8	1.2	13.4	312	0.0085	4.61
7×4	0.8	1.2	14.6	401	0.0085	4.61
8×4	0.8	1.5	16.9	479	0.0085	4.61
10×4	0.8	1.5	19.0	591	0.0085	4.61
12×4	0.8	1.5	19.6	690	0.0085	4.61
14×4	0.8	1.7	21.0	806	0.0085	4.61
2×6	0.8	1.2	11.7	200	0.007	3.08
3×6	0.8	1.2	12.4	270	0.007	3.08
4×6	0.8	1.2	13.6	345	0.007	3.08
5×6	0.8	1.2	14.8	418	0.007	3.08
7×6	0.8	1.2	16.1	547	0.007	3.08
8×6	0.8	1.5	18.6	649	0.007	3.08
10×6	0.8	1.7	21.4	828	0.007	3.08
12×6	0.8	1.7	22.1	960	0.007	3.08
14×6	0.8	1.7	23.2	1098	0.007	3.08

表3 KVVP型、ZKVVP型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 丝直径 Shielding copper Wire diameter (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
2×0.75	0.6	0.15	1.2	8.1	94	0.012	24.5
3×0.75	0.6	0.15	1.2	8.5	107	0.012	24.5
4×0.75	0.6	0.15	1.2	9.0	126	0.012	24.5
5×0.75	0.6	0.15	1.2	9.6	136	0.012	24.5
7×0.75	0.6	0.15	1.2	10.3	163	0.012	24.5
8×0.75	0.6	0.15	1.2	11.3	184	0.012	24.5
10×0.75	0.6	0.20	1.2	12.7	234	0.012	24.5
12×0.75	0.6	0.20	1.5	13.6	283	0.012	24.5
14×0.75	0.6	0.20	1.5	14.1	307	0.012	24.5
16×0.75	0.6	0.20	1.5	14.8	346	0.012	24.5
19×0.75	0.6	0.20	1.5	15.4	375	0.012	24.5
24×0.75	0.6	0.20	1.5	17.6	461	0.012	24.5
27×0.75	0.6	0.20	1.5	17.9	500	0.012	24.5
30×0.75	0.6	0.20	1.5	18.5	544	0.012	24.5

续表3 KVVP型、ZKVVP型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 丝直径 Shielding copper Wire diameter (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
37×0.75	0.6	0.20	1.7	20.2	648	0.012	24.5
44×0.75	0.6	0.25	1.7	22.5	794	0.012	24.5
48×0.75	0.6	0.25	1.7	22.9	842	0.012	24.5
52×0.75	0.6	0.25	1.7	23.4	888	0.012	24.5
61×0.75	0.6	0.25	1.7	24.7	1010	0.012	24.5
2×1	0.6	0.15	1.2	8.4	101	0.011	18.1
3×1	0.6	0.15	1.2	8.8	118	0.011	18.1
4×1	0.6	0.15	1.2	9.4	141	0.011	18.1
5×1	0.6	0.15	1.2	10.1	154	0.011	18.1
7×1	0.6	0.15	1.2	10.8	184	0.011	18.1
8×1	0.6	0.15	1.2	11.8	213	0.011	18.1
10×1	0.6	0.20	1.5	13.9	288	0.011	18.1
12×1	0.6	0.20	1.5	14.3	320	0.011	18.1
14×1	0.6	0.20	1.5	14.9	358	0.011	18.1
16×1	0.6	0.20	1.5	15.5	394	0.011	18.1
19×1	0.6	0.20	1.5	16.2	435	0.011	18.1
24×1	0.6	0.20	1.5	18.6	543	0.011	18.1
27×1	0.6	0.20	1.5	18.9	591	0.011	18.1
30×1	0.6	0.20	1.7	19.9	649	0.011	18.1
37×1	0.6	0.20	1.7	21.3	756	0.011	18.1
44×1	0.6	0.25	1.7	23.8	922	0.011	18.1
48×1	0.6	0.25	1.7	24.2	989	0.011	18.1
52×1	0.6	0.25	1.7	24.8	1042	0.011	18.1
61×1	0.6	0.25	1.7	26.2	1186	0.011	18.1
2×1.5	0.7	0.15	1.2	9.3	124	0.011	12.1
3×1.5	0.7	0.15	1.2	9.8	147	0.011	12.1
4×1.5	0.7	0.15	1.2	10.5	178	0.011	12.1
5×1.5	0.7	0.15	1.2	11.3	198	0.011	12.1
7×1.5	0.7	0.15	1.2	12.1	241	0.011	12.1
8×1.5	0.7	0.20	1.5	14.2	314	0.011	12.1
10×1.5	0.7	0.20	1.5	15.7	373	0.011	12.1
12×1.5	0.7	0.20	1.5	16.1	422	0.011	12.1
14×1.5	0.7	0.20	1.5	16.8	472	0.011	12.1
16×1.5	0.7	0.20	1.5	17.6	527	0.011	12.1
19×1.5	0.7	0.20	1.5	18.5	580	0.011	12.1
24×1.5	0.7	0.20	1.7	21.7	746	0.011	12.1
27×1.5	0.7	0.20	1.7	22.1	813	0.011	12.1
30×1.5	0.7	0.25	1.7	23.0	914	0.011	12.1
37×1.5	0.7	0.25	1.7	24.6	1077	0.011	12.1
44×1.5	0.7	0.25	1.7	27.4	1266	0.011	12.1

续表3 KVVP型、ZKVVP型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 丝直径 Shielding copper Wire diameter (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
48×1.5	0.7	0.25	1.7	27.8	1351	0.011	12.1
52×1.5	0.7	0.25	1.7	28.6	1434	0.011	12.1
61×1.5	0.7	0.25	2.0	30.8	1691	0.011	12.1
2×2.5	0.8	0.15	1.2	10.5	159	0.01	7.41
3×2.5	0.8	0.15	1.2	11.1	194	0.01	7.41
4×2.5	0.8	0.20	1.2	12.2	252	0.01	7.41
5×2.5	0.8	0.20	1.5	13.7	309	0.01	7.41
7×2.5	0.8	0.20	1.5	14.7	378	0.01	7.41
8×2.5	0.8	0.20	1.5	16.2	431	0.01	7.41
10×2.5	0.8	0.20	1.5	18.1	519	0.01	7.41
12×2.5	0.8	0.20	1.5	18.6	588	0.01	7.41
14×2.5	0.8	0.20	1.7	19.9	683	0.01	7.41
16×2.5	0.8	0.20	1.7	20.9	764	0.01	7.41
19×2.5	0.8	0.20	1.7	21.9	858	0.01	7.41
24×2.5	0.8	0.25	1.7	25.5	1103	0.01	7.41
27×2.5	0.8	0.25	1.7	26.0	1206	0.01	7.41
30×2.5	0.8	0.25	1.7	26.8	1315	0.01	7.41
37×2.5	0.8	0.25	2.0	29.4	1603	0.01	7.41
44×2.5	0.8	0.25	2.0	32.8	1888	0.01	7.41
48×2.5	0.8	0.25	2.0	33.3	2047	0.01	7.41
52×2.5	0.8	0.25	2.0	34.2	2179	0.01	7.41
61×2.5	0.8	0.25	2.2	36.6	2509	0.01	4.61
2×4	0.8	0.20	1.2	11.7	214	0.0085	4.61
3×4	0.8	0.20	1.2	12.3	262	0.0085	4.61
4×4	0.8	0.20	1.5	13.9	349	0.0085	4.61
5×4	0.8	0.20	1.5	15.0	404	0.0085	4.61
7×4	0.8	0.20	1.5	16.1	500	0.0085	4.61
8×4	0.8	0.20	1.5	17.9	570	0.0085	4.61
10×4	0.8	0.20	1.7	20.4	712	0.0085	4.61
12×4	0.8	0.20	1.7	21.0	818	0.0085	4.61
14×4	0.8	0.20	1.7	22.0	917	0.0085	4.61
2×6	0.8	0.20	1.2	12.7	262	0.007	3.08
3×6	0.8	0.20	1.5	14.0	357	0.007	3.08
4×6	0.8	0.20	1.5	15.1	436	0.007	3.08
5×6	0.8	0.20	1.5	16.4	521	0.007	3.08
7×6	0.8	0.20	1.5	17.7	660	0.007	3.08
8×6	0.8	0.20	1.7	20.0	770	0.007	3.08
10×6	0.8	0.25	1.7	22.6	968	0.007	3.08
12×6	0.8	0.25	1.7	23.3	1119	0.007	3.08
14×6	0.8	0.25	1.7	24.4	1257	0.007	3.08

表4 KVVP2型、ZKVVP2型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 带厚度 Shielding copper Tape thickness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
4×0.75	0.6	0.05	1.2	8.6	106	0.012	24.5
5×0.75	0.6	0.05	1.2	9.2	115	0.012	24.5
7×0.75	0.6	0.05	1.2	9.8	138	0.012	24.5
8×0.75	0.6	0.05	1.2	10.8	160	0.012	24.5
10×0.75	0.6	0.05	1.2	12.0	191	0.012	24.5
12×0.75	0.6	0.05	1.2	12.4	217	0.012	24.5
14×0.75	0.6	0.05	1.2	12.9	241	0.012	24.5
16×0.75	0.6	0.05	1.5	14.1	290	0.012	24.5
19×0.75	0.6	0.05	1.5	14.8	320	0.012	24.5
24×0.75	0.6	0.05	1.5	17.0	398	0.012	24.5
27×0.75	0.6	0.05	1.5	17.3	438	0.012	24.5
30×0.75	0.6	0.05	1.5	17.8	471	0.012	24.5
37×0.75	0.6	0.05	1.5	19.1	554	0.012	24.5
44×0.75	0.6	0.05	1.7	21.7	673	0.012	24.5
48×0.75	0.6	0.05	1.7	22.0	721	0.012	24.5
52×0.75	0.6	0.05	1.7	22.6	768	0.012	24.5
61×0.75	0.6	0.05	1.7	23.9	875	0.012	24.5
4×1	0.6	0.05	1.2	9.0	119	0.011	18.1
5×1	0.6	0.05	1.2	9.6	132	0.011	18.1
7×1	0.6	0.05	1.2	10.3	160	0.011	18.1
8×1	0.6	0.05	1.2	11.4	186	0.011	18.1
10×1	0.6	0.05	1.2	12.7	222	0.011	18.1
12×1	0.6	0.05	1.2	13.0	254	0.011	18.1
14×1	0.6	0.05	1.5	14.2	302	0.011	18.1
16×1	0.6	0.05	1.5	14.9	339	0.011	18.1
19×1	0.6	0.05	1.5	15.6	378	0.011	18.1
24×1	0.6	0.05	1.5	17.9	470	0.011	18.1
27×1	0.6	0.05	1.5	18.3	518	0.011	18.1
30×1	0.6	0.05	1.5	18.9	560	0.011	18.1
37×1	0.6	0.05	1.7	20.6	681	0.011	18.1
44×1	0.6	0.05	1.7	23.0	802	0.011	18.1
48×1	0.6	0.05	1.7	23.3	862	0.011	18.1
52×1	0.6	0.05	1.7	23.9	920	0.011	18.1
61×1	0.6	0.05	1.7	25.3	1051	0.011	18.1
4×1.5	0.7	0.05	1.2	10.1	153	0.011	12.1
5×1.5	0.7	0.05	1.2	10.8	172	0.011	12.1
7×1.5	0.7	0.05	1.2	11.7	214	0.011	12.1
8×1.5	0.7	0.05	1.2	12.9	248	0.011	12.1
10×1.5	0.7	0.05	1.5	15.1	319	0.011	12.1
12×1.5	0.7	0.05	1.5	15.5	364	0.011	12.1

续表4 KVV2型、ZKVV2型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 带厚度 Shielding copper Tape thickness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
14×1.5	0.7	0.05	1.5	16.2	408	0.011	12.1
16×1.5	0.7	0.05	1.5	17.0	459	0.011	12.1
19×1.5	0.7	0.05	1.5	17.8	518	0.011	12.1
24×1.5	0.7	0.05	1.7	21.0	664	0.011	12.1
27×1.5	0.7	0.05	1.7	21.4	732	0.011	12.1
30×1.5	0.7	0.05	1.7	22.1	794	0.011	12.1
37×1.5	0.7	0.05	1.7	23.8	945	0.011	12.1
44×1.5	0.7	0.05	1.7	26.6	1115	0.011	12.1
48×1.5	0.7	0.05	1.7	27.0	1201	0.011	12.1
52×1.5	0.7	0.05	1.7	27.7	1285	0.011	12.1
61×1.5	0.7	0.05	2.0	30.0	1515	0.011	12.1
4×2.5	0.8	0.05	1.2	11.5	210	0.01	7.41
5×2.5	0.8	0.05	1.2	12.5	243	0.01	7.41
7×2.5	0.8	0.05	1.5	14.1	328	0.01	7.41
8×2.5	0.8	0.05	1.5	15.6	377	0.01	7.41
10×2.5	0.8	0.05	1.5	17.5	456	0.01	7.41
12×2.5	0.8	0.05	1.5	18.0	526	0.01	7.41
14×2.5	0.8	0.05	1.5	18.8	595	0.01	7.41
16×2.5	0.8	0.05	1.7	20.2	688	0.01	7.41
19×2.5	0.8	0.05	1.7	21.2	784	0.01	7.41
24×2.5	0.8	0.05	1.7	24.6	979	0.01	7.41
27×2.5	0.8	0.05	1.7	25.1	1082	0.01	7.41
30×2.5	0.8	0.05	1.7	26.0	1181	0.01	7.41
37×2.5	0.8	0.05	1.7	28.0	1416	0.01	7.41
44×2.5	0.8	0.05	2.0	32.0	1716	0.01	7.41
48×2.5	0.8	0.05	2.0	32.5	1849	0.01	7.41
52×2.5	0.8	0.05	2.0	33.4	1983	0.01	7.41
61×2.5	0.8	0.05	2.2	35.8	2315	0.01	4.61
4×4	0.8	0.05	1.2	12.6	283	0.0085	4.61
5×4	0.8	0.05	1.5	14.3	353	0.0085	4.61
7×4	0.8	0.05	1.5	15.5	446	0.0085	4.61
8×4	0.8	0.05	1.5	17.2	508	0.0085	4.61
10×4	0.8	0.05	1.5	19.3	624	0.0085	4.61
12×4	0.8	0.05	1.7	20.3	742	0.0085	4.61
14×4	0.8	0.05	1.7	21.3	843	0.0085	4.61
4×6	0.8	0.05	1.5	14.5	386	0.007	3.08
5×6	0.8	0.05	1.5	15.7	464	0.007	3.08
7×6	0.8	0.05	1.5	17.0	597	0.007	3.08
8×6	0.8	0.05	1.5	19.0	681	0.007	3.08
10×6	0.8	0.05	1.7	21.8	865	0.007	3.08

续表4 KVV2型、ZKVV2型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 带厚度 Shielding copper Tape thickness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
12×6	0.8	0.05	1.7	22.5	999	0.007	3.08
14×6	0.8	0.05	1.7	23.6	1139	0.007	3.08
4×10	1.0	0.05	1.5	18.6	606	0.0065	1.83
5×10	1.0	0.05	1.7	20.7	751	0.0065	1.83
7×10	1.0	0.05	1.7	22.5	995	0.0065	1.83
8×10	1.0	0.05	1.7	25.2	1131	0.0065	1.83
10×10	1.0	0.05	1.7	28.5	1376	0.0065	1.83

表5 KVV22型、ZKVV22型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	铠装钢带 层数×厚度 Armour tape Layer× thick- ness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
7×0.75	0.6	2*0.2	1.5	12.9	255	0.012	24.5
8×0.75	0.6	2*0.2	1.5	13.9	288	0.012	24.5
10×0.75	0.6	2*0.2	1.5	15.1	331	0.012	24.5
12×0.75	0.6	2*0.2	1.5	15.4	361	0.012	24.5
14×0.75	0.6	2*0.2	1.5	16.0	391	0.012	24.5
16×0.75	0.6	2*0.2	1.5	16.6	428	0.012	24.5
19×0.75	0.6	2*0.2	1.5	17.3	464	0.012	24.5
24×0.75	0.6	2*0.2	1.5	19.4	562	0.012	24.5
27×0.75	0.6	2*0.2	1.7	20.1	623	0.012	24.5
30×0.75	0.6	2*0.2	1.7	20.7	662	0.012	24.5
37×0.75	0.6	2*0.2	1.7	22.0	758	0.012	24.5
44×0.75	0.6	2*0.2	1.7	24.2	880	0.012	24.5
48×0.75	0.6	2*0.2	1.7	24.5	932	0.012	24.5
52×0.75	0.6	2*0.2	1.7	25.0	984	0.012	24.5
61×0.75	0.6	2*0.2	1.7	26.3	1102	0.012	24.5
7×1	0.6	2*0.2	1.5	13.4	282	0.011	18.1
8×1	0.6	2*0.2	1.5	14.4	319	0.011	18.1
10×1	0.6	2*0.2	1.5	15.7	370	0.011	18.1
12×1	0.6	2*0.2	1.5	16.1	405	0.011	18.1
14×1	0.6	2*0.2	1.5	16.7	441	0.011	18.1
16×1	0.6	2*0.2	1.5	17.4	485	0.011	18.1
19×1	0.6	2*0.2	1.5	18.1	530	0.011	18.1
24×1	0.6	2*0.2	1.7	20.8	662	0.011	18.1
27×1	0.6	2*0.2	1.7	21.1	713	0.011	18.1
30×1	0.6	2*0.2	1.7	21.7	761	0.011	18.1
37×1	0.6	2*0.2	1.7	23.1	878	0.011	18.1

续表5 KVV22型、ZKVV22型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	铠装钢带 层数×厚度 Armour tape Layer× thick- ness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
44×1	0.6	2*0.2	1.7	25.4	1021	0.011	18.1
48×1	0.6	2*0.2	1.7	25.8	1084	0.011	18.1
52×1	0.6	2*0.2	1.7	26.4	1148	0.011	18.1
61×1	0.6	2*0.2	1.7	28.2	1318	0.011	18.1
4×1.5	0.7	2*0.2	1.5	13.1	273	0.011	12.1
5×1.5	0.7	2*0.2	1.5	13.9	300	0.011	12.1
7×1.5	0.7	2*0.2	1.5	14.7	351	0.011	12.1
8×1.5	0.7	2*0.2	1.5	16.0	398	0.011	12.1
10×1.5	0.7	2*0.2	1.5	17.5	466	0.011	12.1
12×1.5	0.7	2*0.2	1.5	18.0	515	0.011	12.1
14×1.5	0.7	2*0.2	1.5	18.7	566	0.011	12.1
16×1.5	0.7	2*0.2	1.5	19.5	624	0.011	12.1
19×1.5	0.7	2*0.2	1.7	20.7	709	0.011	12.1
24×1.5	0.7	2*0.2	1.7	23.5	865	0.011	12.1
27×1.5	0.7	2*0.2	1.7	23.9	937	0.011	12.1
30×1.5	0.7	2*0.2	1.7	24.6	1006	0.011	12.1
37×1.5	0.7	2*0.2	1.7	26.3	1172	0.011	12.1
44×1.5	0.7	2*0.2	2.0	30.0	1435	0.011	12.1
48×1.5	0.7	2*0.2	2.0	30.5	1525	0.011	12.1
52×1.5	0.7	2*0.2	2.0	31.2	1618	0.011	12.1
61×1.5	0.7	2*0.2	2.0	32.8	1827	0.011	12.1
4×2.5	0.8	2*0.2	1.5	14.6	346	0.01	7.41
5×2.5	0.8	2*0.2	1.5	15.5	388	0.01	7.41
7×2.5	0.8	2*0.2	1.5	16.5	465	0.01	7.41
8×2.5	0.8	2*0.2	1.5	18.1	529	0.01	7.41
10×2.5	0.8	2*0.2	1.7	20.3	643	0.01	7.41
12×2.5	0.8	2*0.2	1.7	20.9	719	0.01	7.41
14×2.5	0.8	2*0.2	1.7	21.7	796	0.01	7.41
16×2.5	0.8	2*0.2	1.7	22.7	881	0.01	7.41
19×2.5	0.8	2*0.2	1.7	23.7	987	0.01	7.41
24×2.5	0.8	2*0.2	1.7	27.5	1239	0.01	7.41
27×2.5	0.8	2*0.2	1.7	28.0	1347	0.01	7.41
30×2.5	0.8	2*0.2	1.7	28.9	1455	0.01	7.41
37×2.5	0.8	2*0.2	2.0	31.5	1752	0.01	7.41
44×2.5	0.8	2*0.2	2.2	35.2	2079	0.01	7.41
48×2.5	0.8	2*0.2	2.2	35.7	2218	0.01	7.41
52×2.5	0.8	2*0.5	2.2	37.8	2711	0.01	7.41
61×2.5	0.8	2*0.5	2.2	39.8	3055	0.01	4.61
4×4	0.8	2*0.2	1.5	15.7	430	0.0085	4.61
5×4	0.8	2*0.2	1.5	16.8	493	0.0085	4.61

续表5 KVV22型、ZKVV22型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	铠装钢带 层数×厚度 Armour tape Layer× thick- ness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
7×4	0.8	2*0.2	1.5	18.0	597	0.0085	4.61
8×4	0.8	2*0.2	1.7	20.1	692	0.0085	4.61
10×4	0.8	2*0.2	1.7	22.2	830	0.0085	4.61
12×4	0.8	2*0.2	1.7	22.8	937	0.0085	4.61
14×4	0.8	2*0.2	1.7	23.8	1046	0.0085	4.61
4×6	0.8	2*0.2	1.5	17.0	528	0.007	3.08
5×6	0.8	2*0.2	1.5	18.2	617	0.007	3.08
7×6	0.8	2*0.2	1.5	19.5	762	0.007	3.08
8×6	0.8	2*0.2	1.7	21.8	883	0.007	3.08
10×6	0.8	2*0.2	1.7	24.2	1073	0.007	3.08
12×6	0.8	2*0.2	1.7	24.9	1213	0.007	3.08
14×6	0.8	2*0.2	1.7	26.0	1363	0.007	3.08
4×10	1.0	2*0.2	1.7	21.4	806	0.0065	1.83
5×10	1.0	2*0.2	1.7	23.1	948	0.0065	1.83
7×10	1.0	2*0.2	1.7	25.0	1195	0.0065	1.83
8×10	1.0	2*0.2	1.7	28.1	1391	0.0065	1.83
10×10	1.0	2*0.2	2.0	32.0	1728	0.0065	1.83

表6 KVPV2-22型、ZKVPV2-22型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	铠装钢带 厚度×层数 Armour tape Layer× thick- ness (mm)	屏蔽铜 带厚度 Shielding copper Tape thickness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
7×0.75	0.6	0.2*2	0.05	1.5	12.6	263	0.012	24.5
8×0.75	0.6	0.2*2	0.05	1.5	13.5	298	0.012	24.5
10×0.75	0.6	0.2*2	0.05	1.5	14.8	344	0.012	24.5
12×0.75	0.6	0.2*2	0.05	1.5	15.2	375	0.012	24.5
14×0.75	0.6	0.2*2	0.05	1.5	15.7	405	0.012	24.5
16×0.75	0.6	0.2*2	0.05	1.5	16.3	444	0.012	24.5
19×0.75	0.6	0.2*2	0.05	1.5	17.0	481	0.012	24.5
24×0.75	0.6	0.2*2	0.05	1.7	19.6	601	0.012	24.5
27×0.75	0.6	0.2*2	0.05	1.7	19.9	644	0.012	24.5
30×0.75	0.6	0.2*2	0.05	1.7	20.4	685	0.012	24.5
37×0.75	0.6	0.2*2	0.05	1.7	21.7	783	0.012	24.5
44×0.75	0.6	0.2*2	0.05	1.7	23.9	909	0.012	24.5
48×0.75	0.6	0.2*2	0.05	1.7	24.2	962	0.012	24.5
52×0.75	0.6	0.2*2	0.05	1.7	24.9	1015	0.012	24.5
61×0.75	0.6	0.2*2	0.05	1.7	26.1	1135	0.012	24.5

续表6 KVVP2-22型、ZKVVP2-22型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	铠装钢带 厚度×层数 Armour tape Layer× thick- ness (mm)	屏蔽铜 带厚度 Shielding copper Tape thickness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
7×1	0.6	0.2*2	0.05	1.5	13.1	292	0.011	18.1
8×1	0.6	0.2*2	0.05	1.5	14.0	331	0.011	18.1
10×1	0.6	0.2*2	0.05	1.5	15.5	383	0.011	18.1
12×1	0.6	0.2*2	0.05	1.5	15.8	420	0.011	18.1
14×1	0.6	0.2*2	0.05	1.5	16.4	457	0.011	18.1
16×1	0.6	0.2*2	0.05	1.5	17.1	502	0.011	18.1
19×1	0.6	0.2*2	0.05	1.5	17.8	548	0.011	18.1
24×1	0.6	0.2*2	0.05	1.7	20.5	685	0.011	18.1
27×1	0.6	0.2*2	0.05	1.7	20.9	737	0.011	18.1
30×1	0.6	0.2*2	0.05	1.7	21.5	786	0.011	18.1
37×1	0.6	0.2*2	0.05	1.7	22.8	905	0.011	18.1
44×1	0.6	0.2*2	0.05	1.7	25.2	1053	0.011	18.1
48×1	0.6	0.2*2	0.05	1.7	25.5	1117	0.011	18.1
52×1	0.6	0.2*2	0.05	1.7	26.1	1182	0.011	18.1
61×1	0.6	0.2*2	0.05	1.7	27.5	1328	0.011	18.1
4×1.5	0.7	0.2*2	0.05	1.5	12.9	281	0.011	12.1
5×1.5	0.7	0.2*2	0.05	1.5	13.6	311	0.011	12.1
7×1.5	0.7	0.2*2	0.05	1.5	14.5	363	0.011	12.1
8×1.5	0.7	0.2*2	0.05	1.5	15.4	412	0.011	12.1
10×1.5	0.7	0.2*2	0.05	1.5	17.3	483	0.011	12.1
12×1.5	0.7	0.2*2	0.05	1.5	17.7	534	0.011	12.1
14×1.5	0.7	0.2*2	0.05	1.5	18.4	585	0.011	12.1
16×1.5	0.7	0.2*2	0.05	1.7	19.6	662	0.011	12.1
19×1.5	0.7	0.2*2	0.05	1.7	20.4	731	0.011	12.1
24×1.5	0.7	0.2*2	0.05	1.7	23.2	893	0.011	12.1
27×1.5	0.7	0.2*2	0.05	1.7	23.6	966	0.011	12.1
30×1.5	0.7	0.2*2	0.05	1.7	24.3	1036	0.011	12.1
37×1.5	0.7	0.2*2	0.05	1.7	26.0	1205	0.011	12.1
44×1.5	0.7	0.2*2	0.05	2.0	29.4	1445	0.011	12.1
48×1.5	0.7	0.2*2	0.05	2.0	29.8	1536	0.011	12.1
52×1.5	0.7	0.2*2	0.05	2.0	30.5	1629	0.011	12.1
61×1.5	0.7	0.2*2	0.05	2.0	32.6	1871	0.011	12.1
4×2.5	0.8	0.2*2	0.05	1.5	14.3	357	0.01	7.41
5×2.5	0.8	0.2*2	0.05	1.5	15.3	402	0.01	7.41
7×2.5	0.8	0.2*2	0.05	1.5	16.3	481	0.01	7.41
8×2.5	0.8	0.2*2	0.05	1.5	17.4	547	0.01	7.41
10×2.5	0.8	0.2*2	0.05	1.7	20.1	665	0.01	7.41
12×2.5	0.8	0.2*2	0.05	1.7	20.6	742	0.01	7.41
14×2.5	0.8	0.2*2	0.05	1.7	21.4	820	0.01	7.41

续表6 KVVP2-22型、ZKVVP2-22型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	铠装钢带 厚度×层数 Armour tape Layer× thick- ness (mm)	屏蔽铜 带厚度 Shielding copper Tape thickness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
16×2.5	0.8	0.2*2	0.05	1.7	22.4	908	0.01	7.41
19×2.5	0.8	0.2*2	0.05	1.7	23.4	1015	0.01	7.41
24×2.5	0.8	0.2*2	0.05	1.7	27.2	1274	0.01	7.41
27×2.5	0.8	0.2*2	0.05	1.7	27.7	1383	0.01	7.41
30×2.5	0.8	0.2*2	0.05	2.0	29.2	1531	0.01	7.41
37×2.5	0.8	0.2*2	0.05	2.0	31.2	1793	0.01	7.41
44×2.5	0.8	0.2*2	0.05	2.2	35.0	2127	0.01	7.41
48×2.5	0.8	0.5*2	0.05	2.2	36.7	2605	0.01	7.41
52×2.5	0.8	0.5*2	0.05	2.2	37.6	2759	0.01	7.41
61×2.5	0.8	0.5*2	0.05	2.2	39.6	3106	0.01	4.61
4×4	0.8	0.2*2	0.05	1.5	15.4	444	0.0085	4.61
5×4	0.8	0.2*2	0.05	1.5	16.2	509	0.0085	4.61
7×4	0.8	0.2*2	0.05	1.5	17.5	615	0.0085	4.61
8×4	0.8	0.2*2	0.05	1.7	19.3	714	0.0085	4.61
10×4	0.8	0.2*2	0.05	1.7	21.9	856	0.0085	4.61
12×4	0.8	0.2*2	0.05	1.7	22.5	964	0.0085	4.61
14×4	0.8	0.2*2	0.05	1.7	23.6	1075	0.0085	4.61
4×6	0.8	0.2*2	0.05	1.5	16.3	544	0.007	3.08
5×6	0.8	0.2*2	0.05	1.5	17.6	636	0.007	3.08
7×6	0.8	0.2*2	0.05	1.7	19.4	801	0.007	3.08
8×6	0.8	0.2*2	0.05	1.7	21.0	908	0.007	3.08
10×6	0.8	0.2*2	0.05	1.7	23.9	1102	0.007	3.08
12×6	0.8	0.2*2	0.05	1.7	24.6	1244	0.007	3.08
14×6	0.8	0.2*2	0.05	1.7	25.8	1397	0.007	3.08
4×10	1.0	0.2*2	0.05	1.7	20.8	831	0.0065	1.83
5×10	1.0	0.2*2	0.05	1.7	22.6	976	0.0065	1.83
7×10	1.0	0.2*2	0.05	1.7	24.5	1227	0.0065	1.83
8×10	1.0	0.2*2	0.05	1.7	26.7	1428	0.0065	1.83
10×10	1.0	0.2*2	0.05	2.0	31.7	1772	0.0065	1.83

表7 KVWP-22型、ZKVWP-22型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 丝直径 Shielded wire diameter (mm)	铠装钢带 厚度×层数 Armour tape Layer× thick- ness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
7×0.75	0.6	0.15	0.2*2	1.5	13.7	305	0.012	24.5
8×0.75	0.6	0.15	0.2*2	1.5	14.7	338	0.012	24.5
10×0.75	0.6	0.20	0.2*2	1.5	16.1	406	0.012	24.5
12×0.75	0.6	0.20	0.2*2	1.5	16.4	442	0.012	24.5
14×0.75	0.6	0.20	0.2*2	1.5	16.9	472	0.012	24.5
16×0.75	0.6	0.20	0.2*2	1.5	17.6	518	0.012	24.5
19×0.75	0.6	0.20	0.2*2	1.5	18.2	554	0.012	24.5
24×0.75	0.6	0.20	0.2*2	1.7	20.8	683	0.012	24.5
27×0.75	0.6	0.20	0.2*2	1.7	21.1	726	0.012	24.5
30×0.75	0.6	0.20	0.2*2	1.7	21.7	777	0.012	24.5
37×0.75	0.6	0.20	0.2*2	1.7	23.0	879	0.012	24.5
44×0.75	0.6	0.25	0.2*2	1.7	25.3	1051	0.012	24.5
48×0.75	0.6	0.25	0.2*2	1.7	25.7	1103	0.012	24.5
52×0.75	0.6	0.25	0.2*2	1.7	26.2	1156	0.012	24.5
61×0.75	0.6	0.25	0.2*2	1.7	27.9	1318	0.012	24.5
7×1	0.6	0.15	0.2*2	1.5	14.2	333	0.011	18.1
8×1	0.6	0.15	0.2*2	1.5	15.2	375	0.011	18.1
10×1	0.6	0.20	0.2*2	1.5	16.7	450	0.011	18.1
12×1	0.6	0.20	0.2*2	1.5	17.1	486	0.011	18.1
14×1	0.6	0.20	0.2*2	1.5	17.7	531	0.011	18.1
16×1	0.6	0.20	0.2*2	1.5	18.3	575	0.011	18.1
19×1	0.6	0.20	0.2*2	1.5	19.0	624	0.011	18.1
24×1	0.6	0.20	0.2*2	1.7	21.8	777	0.011	18.1
27×1	0.6	0.20	0.2*2	1.7	22.1	828	0.011	18.1
30×1	0.6	0.20	0.2*2	1.7	22.7	877	0.011	18.1
37×1	0.6	0.20	0.2*2	1.7	24.1	999	0.011	18.1
44×1	0.6	0.25	0.2*2	1.7	26.6	1193	0.011	18.1
48×1	0.6	0.25	0.2*2	1.7	27.4	1290	0.011	18.1
52×1	0.6	0.25	0.2*2	1.7	28.0	1351	0.011	18.1
61×1	0.6	0.25	0.2*2	2.0	30.0	1551	0.011	18.1
4×1.5	0.7	0.15	0.2*2	1.5	13.9	323	0.011	12.1
5×1.5	0.7	0.15	0.2*2	1.5	14.7	353	0.011	12.1
7×1.5	0.7	0.15	0.2*2	1.5	15.5	407	0.011	12.1
8×1.5	0.7	0.20	0.2*2	1.5	17.0	479	0.011	12.1
10×1.5	0.7	0.20	0.2*2	1.5	18.5	556	0.011	12.1
12×1.5	0.7	0.20	0.2*2	1.5	18.9	609	0.011	12.1
14×1.5	0.7	0.20	0.2*2	1.7	20.0	685	0.011	12.1
16×1.5	0.7	0.20	0.2*2	1.7	20.8	749	0.011	12.1
19×1.5	0.7	0.20	0.2*2	1.7	21.7	812	0.011	12.1

表7 KVWP-22型、ZKVWP-22型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 丝直径 Shielded wire diameter (mm)	铠装钢带 厚度×层数 Armour tape Layer× thick- ness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
24×1.5	0.7	0.20	0.2*2	1.7	24.5	993	0.011	12.1
27×1.5	0.7	0.20	0.2*2	1.7	24.9	1065	0.011	12.1
30×1.5	0.7	0.25	0.2*2	1.7	25.8	1176	0.011	12.1
32×1.5	0.7	0.25	0.2*2	1.7	27.0	1257	0.011	12.1
37×1.5	0.7	0.25	0.2*2	1.7	27.8	1385	0.011	12.1
44×1.5	0.7	0.25	0.2*2	2.0	31.2	1648	0.011	12.1
48×1.5	0.7	0.25	0.2*2	2.0	31.6	1738	0.011	12.1
52×1.5	0.7	0.25	0.2*2	2.0	32.4	1831	0.011	12.1
61×1.5	0.7	0.25	0.2*2	2.0	34.0	2070	0.011	12.1
4×2.5	0.8	0.20	0.2*2	1.5	15.6	417	0.01	7.41
5×2.5	0.8	0.20	0.2*2	1.5	16.5	469	0.01	7.41
7×2.5	0.8	0.20	0.2*2	1.5	17.5	550	0.01	7.41
8×2.5	0.8	0.20	0.2*2	1.5	19.0	619	0.01	7.41
10×2.5	0.8	0.20	0.2*2	1.7	21.3	747	0.01	7.41
12×2.5	0.8	0.20	0.2*2	1.7	21.8	822	0.01	7.41
14×2.5	0.8	0.20	0.2*2	1.7	22.7	911	0.01	7.41
16×2.5	0.8	0.20	0.2*2	1.7	23.7	1002	0.01	7.41
19×2.5	0.8	0.20	0.2*2	1.7	24.7	1108	0.01	7.41
24×2.5	0.8	0.25	0.2*2	2.0	29.3	1459	0.01	7.41
27×2.5	0.8	0.25	0.2*2	2.0	29.8	1568	0.01	7.41
30×2.5	0.8	0.25	0.2*2	2.0	30.6	1689	0.01	7.41
32×2.5	0.8	0.25	0.2*2	2.0	31.6	1791	0.01	7.41
37×2.5	0.8	0.25	0.2*2	2.0	32.6	1966	0.01	7.41
44×2.5	0.8	0.25	0.5*2	2.2	37.6	2671	0.01	7.41
48×2.5	0.8	0.25	0.5*2	2.2	38.1	2842	0.01	7.41
52×2.5	0.8	0.25	0.5*2	2.2	39.0	2994	0.01	7.41
61×2.5	0.8	0.25	0.5*2	2.2	41.0	3339	0.01	7.41
4×4	0.8	0.20	0.2*2	1.5	16.7	511	0.0085	4.61
5×4	0.8	0.20	0.2*2	1.5	17.8	578	0.0085	4.61
6×4	0.8	0.20	0.2*2	1.5	18.4	640	0.0085	4.61
7×4	0.8	0.20	0.2*2	1.5	18.9	687	0.0085	4.61
8×4	0.8	0.20	0.2*2	1.7	21.1	795	0.0085	4.61
10×4	0.8	0.20	0.2*2	1.7	23.2	945	0.0085	4.61
12×4	0.8	0.20	0.2*2	1.7	23.8	1058	0.0085	4.61
14×4	0.8	0.20	0.2*2	1.7	24.8	1167	0.0085	4.61
16×4	0.8	0.25	0.2*2	1.7	25.9	1305	0.0085	4.61
19×4	0.8	0.25	0.2*2	1.7	26.9	1435	0.0085	4.61
4×6	0.8	0.20	0.2*2	1.5	17.9	603	0.007	3.08
5×6	0.8	0.20	0.2*2	1.7	19.2	698	0.007	3.08

续表7 KVVP-22型、ZKVVP-22型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 丝直径 Shielded wire diameter (mm)	铠装钢带 厚度×层数 Armour tape Layer× thick- ness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
7×6	0.8	0.20	0.2*2	1.7	20.9	865	0.007	3.08
8×6	0.8	0.20	0.2*2	1.7	22.8	978	0.007	3.08
10×6	0.8	0.25	0.2*2	1.7	25.4	1180	0.007	3.08
12×6	0.8	0.25	0.2*2	1.7	26.1	1332	0.007	3.08
14×6	0.8	0.25	0.2*2	1.7	27.6	1543	0.007	3.08
3×10	1.0	0.20	0.2*2	1.7	20.8	812	0.0065	1.83
4×10	1.0	0.20	0.2*2	1.7	22.4	975	0.0065	1.83
5×10	1.0	0.20	0.2*2	1.7	24.1	1117	0.0065	1.83
7×10	1.0	0.20	0.2*2	1.7	25.9	1310	0.0065	1.83
8×10	1.0	0.25	0.2*2	2.0	29.3	1525	0.0065	1.83
10×10	1.0	0.25	0.2*2	2.0	33.2	1865	0.0065	1.83

表8 KVVP32型、ZKVVP32型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	铠装钢丝 根数×直径 Armour wire Root number × diameter (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
19×0.75	0.6	36*1.25	1.5	19.0	739	0.012	24.5
24×0.75	0.6	33*1.60	1.7	22.2	1025	0.012	24.5
27×0.75	0.6	33*1.60	1.7	22.5	1076	0.012	24.5
30×0.75	0.6	34*1.60	1.7	23.1	1130	0.012	24.5
37×0.75	0.6	37*1.60	1.7	24.4	1259	0.012	24.5
44×0.75	0.6	41*1.60	1.7	26.6	1437	0.012	24.5
48×0.75	0.6	42*1.60	1.7	26.9	1497	0.012	24.5
52×0.75	0.6	43*1.60	1.7	27.4	1563	0.012	24.5
61×0.75	0.6	46*1.60	2.0	29.3	1753	0.012	24.5
19×1	0.6	38*1.25	1.7	20.2	835	0.011	18.1
24×1	0.6	34*1.60	1.7	23.2	1129	0.011	18.1
27×1	0.6	35*1.60	1.7	23.5	1189	0.011	18.1
30×1	0.6	36*1.60	1.7	24.1	1253	0.011	18.1
37×1	0.6	39*1.60	1.7	25.5	1405	0.011	18.1
44×1	0.6	44*1.60	1.7	27.8	1608	0.011	18.1
48×1	0.6	44*1.60	1.7	28.2	1679	0.011	18.1
52×1	0.6	46*1.60	1.7	28.8	1758	0.011	18.1
61×1	0.6	40*2.0	2.0	32.0	2232	0.011	18.1
7×1.5	0.7	29*1.25	1.5	16.4	575	0.011	12.1
8×1.5	0.7	32*1.25	1.5	17.7	645	0.011	12.1
10×1.5	0.7	36*1.25	1.5	19.2	740	0.011	12.1

表8 KVVP32型、ZKVVP32型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	铠装钢丝 根数×直径 Armour wire Root number × diameter (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
12×1.5	0.7	29*1.60	1.7	20.8	932	0.011	12.1
14×1.5	0.7	31*1.60	1.7	21.5	1000	0.011	12.1
16×1.5	0.7	32*1.60	1.7	22.3	1080	0.011	12.1
19×1.5	0.7	34*1.60	1.7	23.1	1168	0.011	12.1
24×1.5	0.7	39*1.60	1.7	25.9	1394	0.011	12.1
27×1.5	0.7	40*1.60	1.7	26.3	1476	0.011	12.1
30×1.5	0.7	42*1.60	1.7	27.0	1564	0.011	12.1
37×1.5	0.7	45*1.60	1.7	28.7	1771	0.011	12.1
44×1.5	0.7	41*2.0	2.0	33.2	2342	0.011	12.1
48×1.5	0.7	42*2.0	2.0	33.7	2446	0.011	12.1
52×1.5	0.7	43*2.0	2.0	34.4	2563	0.011	12.1
61×1.5	0.7	45*2.0	2.2	36.4	2859	0.011	12.1
7×2.5	0.8	33*1.25	1.5	18.2	719	0.01	7.41
8×2.5	0.8	37*1.25	1.7	20.2	827	0.01	7.41
10×2.5	0.8	33*1.60	1.7	22.7	1088	0.01	7.41
12×2.5	0.8	34*1.60	1.7	23.3	1176	0.01	7.41
14×2.5	0.8	36*1.60	1.7	24.1	1274	0.01	7.41
16×2.5	0.8	37*1.60	1.7	25.1	1384	0.01	7.41
19×2.5	0.8	39*1.60	1.7	26.1	1515	0.01	7.41
24×2.5	0.8	47*1.60	2.0	30.5	1900	0.01	7.41
27×2.5	0.8	48*1.60	2.0	31.0	2022	0.01	7.41
30×2.5	0.8	49*1.60	2.0	31.9	2153	0.01	7.41
37×2.5	0.8	43*2.0	2.2	35.1	2726	0.01	7.41
44×2.5	0.8	48*2.0	2.2	38.4	3136	0.01	7.41
48×2.5	0.8	49*2.0	2.2	38.9	3292	0.01	7.41
52×2.5	0.8	50*2.0	2.2	39.8	3464	0.01	7.41
61×2.5	0.8	53*2.0	2.2	41.8	3852	0.01	7.41
4×4	0.8	31*1.25	1.5	17.4	668	0.0085	4.61
5×4	0.8	34*1.25	1.5	18.5	750	0.0085	4.61
7×4	0.8	36*1.25	1.7	20.1	891	0.0085	4.61
8×4	0.8	32*1.60	1.7	22.5	1128	0.0085	4.61
10×4	0.8	36*1.60	1.7	24.6	1318	0.0085	4.61
12×4	0.8	37*1.60	1.7	25.2	1440	0.0085	4.61
14×4	0.8	39*1.60	1.7	26.2	1573	0.0085	4.61
4×6	0.8	34*1.25	1.5	18.7	786	0.007	3.08
5×6	0.8	37*1.25	1.7	20.3	914	0.007	3.08
7×6	0.8	40*1.25	1.7	21.6	1084	0.007	3.08
8×6	0.8	45*1.25	1.7	23.5	1222	0.007	3.08
10×6	0.8	40*1.60	1.7	26.6	1607	0.007	3.08

表8 KVV32型、ZKVV32型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	铠装钢丝 根数×直径 Armour wire Root number × diameter (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
12×6	0.8	41*1.60	1.7	27.3	1765	0.007	3.08
14×6	0.8	43*1.60	1.7	28.4	1942	0.007	3.08
4×10	1.0	34*1.60	1.7	23.8	1267	0.0065	1.83
5×10	1.0	37*1.60	1.7	25.5	1449	0.0065	1.83
7×10	1.0	41*1.60	1.7	27.4	1740	0.0065	1.83
8×10	1.0	47*1.60	2.0	31.1	2051	0.0065	1.83
10×10	1.0	53*1.60	2.0	34.4	2431	0.0065	1.83

表9 KVV型、ZKVV型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
2×0.5	0.6	1.2	7.3	59	0.013	39
3×0.5	0.6	1.2	7.6	68	0.013	39
4×0.5	0.6	1.2	8.1	92	0.013	39
5×0.5	0.6	1.2	8.7	100	0.013	39
7×0.5	0.6	1.2	9.4	121	0.013	39
8×0.5	0.6	1.2	10.3	141	0.013	39
10×0.5	0.6	1.2	11.5	170	0.013	39
12×0.5	0.6	1.2	11.9	195	0.013	39
14×0.5	0.6	1.2	12.4	217	0.013	39
16×0.5	0.6	1.5	13.6	264	0.013	39
19×0.5	0.6	1.5	14.2	293	0.013	39
24×0.5	0.6	1.5	16.4	365	0.013	39
27×0.5	0.6	1.5	16.7	404	0.013	39
30×0.5	0.6	1.5	17.2	436	0.013	39
37×0.5	0.6	1.5	18.5	516	0.013	39
44×0.5	0.6	1.7	21.0	628	0.013	39
48×0.5	0.6	1.7	21.3	676	0.013	39
52×0.5	0.6	1.7	21.9	721	0.013	39
61×0.5	0.6	1.7	23.2	824	0.013	39
2×0.75	0.6	1.2	7.7	67	0.011	26
3×0.75	0.6	1.2	8.0	79	0.011	26
4×0.75	0.6	1.2	8.7	106	0.011	26
5×0.75	0.6	1.2	9.3	117	0.011	26
7×0.75	0.6	1.2	10.0	144	0.011	26
8×0.75	0.6	1.2	11.1	168	0.011	26

续表9 KVV型、ZKVV型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
10×0.75	0.6	1.2	12.3	202	0.011	26
12×0.75	0.6	1.2	12.7	233	0.011	26
14×0.75	0.6	1.5	13.9	280	0.011	26
16×0.75	0.6	1.5	14.6	316	0.011	26
19×0.75	0.6	1.5	15.3	353	0.011	26
24×0.75	0.6	1.5	17.6	441	0.011	26
27×0.75	0.6	1.5	18.0	488	0.011	26
30×0.75	0.6	1.5	18.6	529	0.011	26
37×0.75	0.6	1.7	20.4	647	0.011	26
44×0.75	0.6	1.7	22.7	764	0.011	26
48×0.75	0.6	1.7	23.0	823	0.011	26
52×0.75	0.6	1.7	23.7	880	0.011	26
61×0.75	0.6	1.7	25.0	1008	0.011	26
2×1	0.7	1.2	8.0	79	0.01	19.5
3×1	0.7	1.2	8.4	96	0.01	19.5
4×1	0.7	1.2	9.1	128	0.01	19.5
5×1	0.7	1.2	9.8	145	0.01	19.5
7×1	0.7	1.2	10.5	182	0.01	19.5
8×1	0.7	1.2	11.7	211	0.01	19.5
10×1	0.7	1.5	13.6	273	0.01	19.5
12×1	0.7	1.5	14.1	315	0.01	19.5
14×1	0.7	1.5	14.7	354	0.01	19.5
16×1	0.7	1.5	15.4	400	0.01	19.5
19×1	0.7	1.5	16.2	453	0.01	19.5
24×1	0.7	1.5	18.7	567	0.01	19.5
27×1	0.7	1.5	19.1	629	0.01	19.5
30×1	0.7	1.7	20.1	702	0.01	19.5
37×1	0.7	1.7	21.6	839	0.01	19.5
44×1	0.7	1.7	24.1	992	0.01	19.5
48×1	0.7	1.7	24.5	1071	0.01	19.5
52×1	0.7	1.7	25.1	1148	0.01	19.5
61×1	0.7	1.7	26.6	1322	0.01	19.5
2×1.5	0.8	1.2	9.0	107	0.01	13.3
3×1.5	0.8	1.2	9.5	135	0.01	13.3
4×1.5	0.8	1.2	10.2	179	0.01	13.3
5×1.5	0.8	1.2	11.1	207	0.01	13.3
7×1.5	0.8	1.2	12.0	266	0.01	13.3
8×1.5	0.8	1.5	13.9	326	0.01	13.3
10×1.5	0.8	1.5	15.6	396	0.01	13.3

续表9 KVVR型、ZKVVR型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20℃时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
12×1.5	0.8	1.5	16.0	460	0.01	13.3
14×1.5	0.8	1.5	16.8	522	0.01	13.3
16×1.5	0.8	1.5	17.6	591	0.01	13.3
19×1.5	0.8	1.5	18.5	677	0.01	13.3
24×1.5	0.8	1.7	21.9	869	0.01	13.3
27×1.5	0.8	1.7	22.4	964	0.01	13.3
30×1.5	0.8	1.7	23.2	1055	0.01	13.3
37×1.5	0.8	1.7	24.9	1270	0.01	13.3
44×1.5	0.8	1.7	27.9	1504	0.01	13.3
48×1.5	0.8	1.7	28.4	1627	0.01	13.3
52×1.5	0.8	2.0	29.7	1788	0.01	13.3
61×1.5	0.8	2.0	31.5	2064	0.01	13.3
2×2.5	0.8	1.2	10.3	148	0.009	7.98
3×2.5	0.8	1.2	10.9	192	0.009	7.98
4×2.5	0.8	1.2	11.8	257	0.009	7.98
5×2.5	0.8	1.2	12.9	300	0.009	7.98
7×2.5	0.8	1.5	14.6	411	0.009	7.98
8×2.5	0.8	1.5	16.2	474	0.009	7.98
10×2.5	0.8	1.5	18.2	580	0.009	7.98
12×2.5	0.8	1.5	18.8	678	0.009	7.98
14×2.5	0.8	1.5	19.7	773	0.009	7.98
16×2.5	0.8	1.7	21.2	896	0.009	7.98
19×2.5	0.8	1.7	22.3	1032	0.009	7.98
24×2.5	0.8	1.7	25.9	1724	0.009	7.98
27×2.5	0.8	1.7	26.5	1925	0.009	7.98
30×2.5	0.8	1.7	27.4	2118	0.009	7.98
37×2.5	0.8	1.7	29.6	2575	0.009	7.98
44×2.5	0.8	2.0	33.8	3100	0.009	7.98
48×2.5	0.8	2.0	34.4	3362	0.009	7.98
52×2.5	0.8	2.2	35.7	3653	0.009	7.98
61×2.5	0.8	2.2	37.9	4244	0.009	7.98

表10 KVVRP型、ZKVVRP型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜丝直径 Shielding copper Wire diameter (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20℃时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
2×0.5	0.6	0.15	1.2	8.0	86	0.013	39
3×0.5	0.6	0.15	1.2	8.4	96	0.013	39
4×0.5	0.6	0.15	1.2	8.9	115	0.013	39
5×0.5	0.6	0.15	1.2	9.5	124	0.013	39
7×0.5	0.6	0.15	1.2	10.2	146	0.013	39
8×0.5	0.6	0.15	1.2	11.1	164	0.013	39
10×0.5	0.6	0.15	1.2	12.3	195	0.013	39
12×0.5	0.6	0.15	1.5	13.2	236	0.013	39
14×0.5	0.6	0.2	1.5	14.0	273	0.013	39
16×0.5	0.6	0.2	1.5	14.6	302	0.013	39
19×0.5	0.6	0.2	1.5	15.2	329	0.013	39
24×0.5	0.6	0.2	1.5	17.3	407	0.013	39
27×0.5	0.6	0.2	1.5	17.7	439	0.013	39
30×0.5	0.6	0.2	1.5	18.2	472	0.013	39
37×0.5	0.6	0.2	1.7	19.9	554	0.013	39
44×0.5	0.6	0.2	1.7	22.0	647	0.013	39
48×0.5	0.6	0.2	1.7	22.3	697	0.013	39
52×0.5	0.6	0.2	1.7	22.9	734	0.013	39
61×0.5	0.6	0.25	1.7	24.3	865	0.013	39
2×0.75	0.6	0.15	1.2	8.5	93	0.011	26
3×0.75	0.6	0.15	1.2	8.8	103	0.011	26
4×0.75	0.6	0.15	1.2	9.4	132	0.011	26
5×0.75	0.6	0.15	1.2	10.1	143	0.011	26
7×0.75	0.6	0.15	1.2	10.8	169	0.011	26
8×0.75	0.6	0.15	1.2	11.8	196	0.011	26
10×0.75	0.6	0.15	1.5	13.7	250	0.011	26
12×0.75	0.6	0.15	1.5	14.1	280	0.011	26
14×0.75	0.6	0.2	1.5	14.9	327	0.011	26
16×0.75	0.6	0.2	1.5	15.6	359	0.011	26
19×0.75	0.6	0.2	1.5	16.3	393	0.011	26
24×0.75	0.6	0.2	1.5	18.6	483	0.011	26
27×0.75	0.6	0.2	1.5	18.9	531	0.011	26
30×0.75	0.6	0.2	1.7	20.0	583	0.011	26
37×0.75	0.6	0.2	1.7	21.3	674	0.011	26
44×0.75	0.6	0.25	1.7	23.9	824	0.011	26
48×0.75	0.6	0.25	1.7	24.2	882	0.011	26
52×0.75	0.6	0.25	1.7	24.8	931	0.011	26
61×0.75	0.6	0.25	1.7	26.2	1039	0.011	26

续表10 KWRP型、ZKWRP型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜丝直径 Shielding copper Wire diameter (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20℃时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
2×1	0.7	0.15	1.2	8.8	105	0.01	19.5
3×1	0.7	0.15	1.2	9.2	122	0.01	19.5
4×1	0.7	0.15	1.2	9.9	146	0.01	19.5
5×1	0.7	0.15	1.2	10.6	163	0.01	19.5
7×1	0.7	0.15	1.2	11.3	196	0.01	19.5
8×1	0.7	0.15	1.2	12.4	221	0.01	19.5
10×1	0.7	0.2	1.5	14.6	307	0.01	19.5
12×1	0.7	0.2	1.5	15.0	340	0.01	19.5
14×1	0.7	0.2	1.5	15.7	371	0.01	19.5
16×1	0.7	0.2	1.5	16.4	412	0.01	19.5
19×1	0.7	0.2	1.7	17.5	474	0.01	19.5
24×1	0.7	0.2	1.7	20.1	580	0.01	19.5
27×1	0.7	0.2	1.7	20.4	635	0.01	19.5
30×1	0.7	0.2	1.7	21.1	678	0.01	19.5
37×1	0.7	0.2	1.7	22.6	803	0.01	19.5
44×1	0.7	0.25	1.7	25.3	963	0.01	19.5
48×1	0.7	0.25	1.7	25.7	1024	0.01	19.5
52×1	0.7	0.25	1.7	26.3	1095	0.01	19.5
61×1	0.7	0.25	1.7	27.8	1246	0.01	19.5
2×1.5	0.8	0.15	1.2	9.8	129	0.01	13.3
3×1.5	0.8	0.15	1.2	10.2	153	0.01	13.3
4×1.5	0.8	0.15	1.2	11.0	183	0.01	13.3
5×1.5	0.8	0.15	1.2	11.8	208	0.01	13.3
7×1.5	0.8	0.15	1.2	12.7	255	0.01	13.3
8×1.5	0.8	0.2	1.5	14.9	324	0.01	13.3
10×1.5	0.8	0.2	1.5	16.5	390	0.01	13.3
12×1.5	0.8	0.2	1.5	17.0	444	0.01	13.3
14×1.5	0.8	0.2	1.5	17.8	493	0.01	13.3
16×1.5	0.8	0.2	1.5	18.6	551	0.01	13.3
19×1.5	0.8	0.2	1.7	19.9	628	0.01	13.3
24×1.5	0.8	0.2	1.7	22.9	783	0.01	13.3
27×1.5	0.8	0.2	1.7	23.4	852	0.01	13.3
30×1.5	0.8	0.25	1.7	24.3	960	0.01	13.3
37×1.5	0.8	0.25	1.7	26.1	1118	0.01	13.3
44×1.5	0.8	0.25	1.7	29.1	1311	0.01	13.3
48×1.5	0.8	0.25	2.0	30.1	1438	0.01	13.3
2×2.5	0.8	0.15	1.5	11.7	182	0.009	7.98
3×2.5	0.8	0.15	1.5	12.3	218	0.009	7.98

续表10 KVRP型、ZKVRP型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜丝直径 Shielding copper Wire diameter (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)	工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20℃时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
4×2.5	0.8	0.15	1.5	13.2	266	0.009	7.98
5×2.5	0.8	0.20	1.5	14.4	320	0.009	7.98
7×2.5	0.8	0.20	1.5	15.5	396	0.009	7.98
8×2.5	0.8	0.20	1.5	17.2	450	0.009	7.98
10×2.5	0.8	0.20	1.5	19.2	549	0.009	7.98
12×2.5	0.8	0.20	1.7	20.2	638	0.009	7.98
14×2.5	0.8	0.20	1.7	21.1	708	0.009	7.98
16×2.5	0.8	0.20	1.7	22.1	799	0.009	7.98
19×2.5	0.8	0.20	1.7	23.2	906	0.009	7.98
24×2.5	0.8	0.20	1.7	26.9	1138	0.009	7.98
27×2.5	0.8	0.25	1.7	27.6	1267	0.009	7.98
30×2.5	0.8	0.25	1.7	28.6	1379	0.009	7.98
37×2.5	0.8	0.25	2.0	31.3	1679	0.009	7.98
44×2.5	0.8	0.30	2.2	35.6	2068	0.009	7.98
48×2.5	0.8	0.30	2.2	36.1	2207	0.009	7.98

交联聚乙烯绝缘控制电缆 XLPE insulated control cable

1 执行标准 Implementation standards

GB/T 9330.1-2008、GB/T 9330.3-2008、GB/T 19666-2005

2 用途 Use

本产品适用于交流额定电压450/750V及以下的控制、监控回路及保护线路等场合。

This product is suitable for AC rated voltage 450/750V and the following control, monitoring circuit and protection circuit and so on.

3 使用特性 Use characteristics

3.1 电缆的导体最高工作温度为90℃。

3.2 敷设时环境温度不低于0℃。

3.3 电缆阻燃性能满足GB/T19666-2005标准中相应指标要求。

3.4 短路时电缆导体的最高温度不超过165℃，时间不超过5S。

3.1 The conductor of the cable is the maximum operating temperature of 90℃.

3.2 Ambient temperature is not less than 0℃.

3.3 Cable flame retardant properties meet the requirements of the corresponding indicators in the GB/T19666-2005 standard.

3.4 The maximum temperature of cable conductor should not exceed 165℃ when short circuit, and the time should not exceed 5S.

4 产品型号 (表1) Product model (Table 1)

型号 Model		名称 Name
KYJV	Z(A\B\C)-KYJV	交联聚乙烯绝缘聚氯乙烯护套控制电缆 XLPE insulated PVC sheathed control cable
KYJVP	Z(A\B\C)-KYJVP	交联聚乙烯聚氯乙烯护套编制屏蔽控制电缆 Preparation of crosslinked polyethylene PVC sheathed shielded control cable
KYJVP2	Z(A\B\C)-KYJVP2	交联聚乙烯聚氯乙烯护套铜带屏蔽控制电缆 Crosslinked polyethylene and PVC sheath
KYJV22	Z(A\B\C)-KYJV22	交联聚乙烯聚氯乙烯护套钢带铠装控制电缆 Crosslinked polyethylene PVC sheathed control cable
KYJVP2-22	Z(A\B\C)-KYJVP2-22	交联聚乙烯聚氯乙烯护套铜带屏蔽钢带铠装控制电缆 Crosslinked polyethylene PVC sheathed copper tape shielding control cable
KYJVP-22	Z(A\B\C)-KYJVP-22	交联聚乙烯聚氯乙烯护套铜丝屏蔽钢带铠装控制电缆 Crosslinked polyethylene sheathed copper wire shield steel tape armored control cable
KYJV32	Z(A\B\C)-KYJV32	交联聚乙烯聚氯乙烯护套钢丝铠装控制电缆 Crosslinked polyethylene and PVC sheathed steel tape armored control cable
KYJY	WDZ(A\B\C)-KYJY	交联聚乙烯绝缘聚烯烃护套控制电缆 XLPE cable control
KYJYP	WDZ(A\B\C)-KYJYP	交联聚乙烯聚烯烃护套编制屏蔽控制电缆 Preparation of shielded control cable with cross linked polyethylene polyolefin sheath
KYJYP2	WDZ(A\B\C)-KYJYP2	交联聚乙烯聚烯烃护套铜带屏蔽控制电缆 XLPE polyolefin sheathed copper shielded control cable
KYJY23	WDZ(A\B\C)-KYJY23	交联聚乙烯聚烯烃护套钢带铠装控制电缆 XLPE polyolefin sheathed control cable
KYJYP2-23	WDZ(A\B\C)-KYJYP2-23	交联聚乙烯聚烯烃护套铜带屏蔽钢带铠装控制电缆 XLPE polyolefin sheathed copper tape shielding control cable
KYJYP-23	WDZ(A\B\C)-KYJYP-23	交联聚乙烯聚烯烃护套铜丝屏蔽钢带铠装控制电缆 XLPE copper wire shielding polyolefin sheathed steel tape armored control cable
KYJY33	WDZ(A\B\C)-KYJY33	交联聚乙烯聚烯烃护套钢丝铠装控制电缆 XLPE polyolefin sheathed steel wire armored control cable

注: ZR(A\B\C)等同于Z(A\B\C), YJF等同于YJ。

Note: ZR(A\B\C) is equivalent to Z(A\B\C), YJF equivalent to YJ.

5. 电缆结构尺寸 (表2~表8) Cable structure size (Table 2~8)

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
				KYJV	WDZAK YJY	WDZCK YJY		
2×0.75	0.6	1.2	7.3	61	69	64	1.2	24.5
3×0.75	0.6	1.2	7.7	73	81	75	1.2	24.5
4×0.75	0.6	1.2	8.3	88	97	90	1.2	24.5
5×0.75	0.6	1.2	8.9	94	104	97	1.2	24.5
7×0.75	0.6	1.2	9.5	113	124	116	1.2	24.5
8×0.75	0.6	1.2	10.5	132	144	135	1.2	24.5
10×0.75	0.6	1.2	11.7	157	172	161	1.2	24.5
12×0.75	0.6	1.2	12.0	180	195	184	1.2	24.5
14×0.75	0.6	1.5	13.2	217	233	222	1.2	24.5
16×0.75	0.6	1.5	13.8	245	262	249	1.2	24.5
19×0.75	0.6	1.5	14.5	269	287	274	1.2	24.5
24×0.75	0.6	1.5	16.6	336	357	341	1.2	24.5
27×0.75	0.6	1.5	16.9	370	392	376	1.2	24.5
30×0.75	0.6	1.5	17.5	398	421	405	1.2	24.5
37×0.75	0.6	1.5	18.8	469	494	476	1.2	24.5
44×0.75	0.6	1.7	21.4	573	602	581	1.2	24.5
48×0.75	0.6	1.7	21.7	616	645	623	1.2	24.5
52×0.75	0.6	1.7	22.2	656	686	664	1.2	24.5
61×0.75	0.6	1.7	23.5	747	778	755	1.2	24.5
2×1	0.6	1.2	7.7	68	76	71	1.1	18.1
3×1	0.6	1.2	8.0	82	91	85	1.1	18.1
4×1	0.6	1.2	8.6	100	110	103	1.1	18.1
5×1	0.6	1.2	9.3	109	120	112	1.1	18.1
7×1	0.6	1.2	10.0	133	145	136	1.1	18.1
8×1	0.6	1.2	11.0	155	169	159	1.1	18.1
10×1	0.6	1.2	12.3	186	202	190	1.1	18.1
12×1	0.6	1.5	13.3	231	248	236	1.1	18.1
14×1	0.6	1.5	13.9	257	274	262	1.1	18.1
16×1	0.6	1.5	14.6	290	308	295	1.1	18.1
19×1	0.6	1.5	15.3	323	342	328	1.1	18.1
24×1	0.6	1.5	17.6	403	426	409	1.1	18.1
27×1	0.6	1.5	17.9	445	469	451	1.1	18.1
30×1	0.6	1.5	18.5	481	506	488	1.1	18.1
37×1	0.6	1.7	20.3	588	615	595	1.1	18.1
44×1	0.6	1.7	22.6	694	724	702	1.1	18.1
48×1	0.6	1.7	23.0	747	778	755	1.1	18.1
52×1	0.6	1.7	23.6	797	829	805	1.1	18.1
61×1	0.6	1.7	25.0	911	945	920	1.1	18.1

续表2 KYJV型、ZKYJV型、WDZKYJV型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
				KYJV	WDZAK YJY	WDZCK YJY		
2×1.5	0.6	1.2	8.2	81	90	84	1.1	12.1
3×1.5	0.6	1.2	8.6	100	110	103	1.1	12.1
4×1.5	0.6	1.2	9.2	123	134	126	1.1	12.1
5×1.5	0.6	1.2	10.0	138	149	141	1.1	12.1
7×1.5	0.6	1.2	10.7	172	185	175	1.1	12.1
8×1.5	0.6	1.5	12.5	215	230	219	1.1	12.1
10×1.5	0.6	1.5	13.9	259	276	264	1.1	12.1
12×1.5	0.6	1.5	14.3	298	315	302	1.1	12.1
14×1.5	0.6	1.5	15.0	334	353	339	1.1	12.1
16×1.5	0.6	1.5	15.7	377	397	382	1.1	12.1
19×1.5	0.6	1.5	16.5	425	446	430	1.1	12.1
24×1.5	0.6	1.5	19.1	531	556	538	1.1	12.1
27×1.5	0.6	1.5	19.5	588	614	595	1.1	12.1
30×1.5	0.6	1.7	20.5	657	684	664	1.1	12.1
37×1.5	0.6	1.7	22.1	783	813	791	1.1	12.1
44×1.5	0.6	1.7	24.6	926	959	934	1.1	12.1
48×1.5	0.6	1.7	25.0	998	1032	1007	1.1	12.1
52×1.5	0.6	1.7	25.7	1069	1104	1078	1.1	12.1
61×1.5	0.6	1.7	27.2	1228	1266	1238	1.1	12.1
2×2.5	0.7	1.2	9.4	104	115	107	1.0	7.41
3×2.5	0.7	1.2	9.9	134	146	137	1.0	7.41
4×2.5	0.7	1.2	10.7	166	179	170	1.0	7.41
5×2.5	0.7	1.2	11.6	199	213	202	1.0	7.41
7×2.5	0.7	1.5	13.1	276	292	280	1.0	7.41
8×2.5	0.7	1.5	14.6	313	331	318	1.0	7.41
10×2.5	0.7	1.5	16.3	380	401	386	1.0	7.41
12×2.5	0.7	1.5	16.8	438	460	444	1.0	7.41
14×2.5	0.7	1.5	17.6	499	522	505	1.0	7.41
16×2.5	0.7	1.5	18.5	560	584	566	1.0	7.41
19×2.5	0.7	1.5	19.5	649	675	656	1.0	7.41
24×2.5	0.7	1.7	23.1	828	859	836	1.0	7.41
27×2.5	0.7	1.7	23.6	914	946	922	1.0	7.41
30×2.5	0.7	1.7	24.4	1003	1036	1011	1.0	7.41
37×2.5	0.7	1.7	26.3	1209	1245	1218	1.0	7.41
44×2.5	0.7	2.0	30.1	1468	1509	1479	1.0	7.41
48×2.5	0.7	2.0	30.6	1585	1627	1595	1.0	7.41
52×2.5	0.7	2.0	31.3	1696	1739	1707	1.0	7.41
61×2.5	0.7	2.0	33.2	1960	2006	1971	1.0	4.61

续表2 KYJV型、ZKYJV型、WDZKYJV型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
				KYJV	WDZAK YJY	WDZCK YJY		
2×4	0.7	1.2	10.3	143	155	146	0.85	4.61
3×4	0.7	1.2	10.9	186	199	190	0.85	4.61
4×4	0.7	1.5	12.4	256	271	261	0.85	4.61
5×4	0.7	1.5	13.5	303	319	307	0.85	4.61
7×4	0.7	1.5	14.6	383	401	388	0.85	4.61
8×4	0.7	1.5	16.2	436	457	442	0.85	4.61
10×4	0.7	1.5	18.2	538	562	544	0.85	4.61
12×4	0.7	1.5	18.8	627	652	634	0.85	4.61
14×4	0.7	1.7	20.1	733	759	740	0.85	4.61
2×6	0.7	1.2	11.3	187	200	190	0.7	3.08
3×6	0.7	1.5	12.6	267	282	271	0.7	3.08
4×6	0.7	1.5	13.7	337	354	342	0.7	3.08
5×6	0.7	1.5	14.8	407	426	412	0.7	3.08
7×6	0.7	1.5	16.1	526	547	532	0.7	3.08
8×6	0.7	1.5	18.0	600	623	606	0.7	3.08
10×6	0.7	1.7	20.6	766	793	773	0.7	3.08
12×6	0.7	1.7	21.3	887	915	895	0.7	3.08
14×6	0.7	1.7	22.3	1014	1044	1022	0.7	3.08

表3 KYJVP型、ZKYJVP型、WDZKYJVP型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 丝直径 Shielding copper Wire diameter(mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working tempera- ture insulation resis- tance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
					KYJVP	WDZAK YJYP	WDZCK YJYP		
2×0.75	0.6	0.15	1.2	8.1	91	96	94	1.2	24.5
3×0.75	0.6	0.15	1.2	8.5	103	108	105	1.2	24.5
4×0.75	0.6	0.15	1.2	9.0	121	127	124	1.2	24.5
5×0.75	0.6	0.15	1.2	9.6	129	136	133	1.2	24.5
7×0.75	0.6	0.15	1.2	10.3	153	160	156	1.2	24.5
8×0.75	0.6	0.15	1.2	11.3	172	180	176	1.2	24.5
10×0.75	0.6	0.15	1.2	12.5	205	214	210	1.2	24.5
12×0.75	0.6	0.15	1.5	13.4	249	259	254	1.2	24.5
14×0.75	0.6	0.15	1.5	13.9	274	285	280	1.2	24.5
16×0.75	0.6	0.20	1.5	14.8	323	334	329	1.2	24.5
19×0.75	0.6	0.20	1.5	15.4	348	360	355	1.2	24.5
24×0.75	0.6	0.20	1.5	17.6	431	446	439	1.2	24.5
27×0.75	0.6	0.20	1.5	17.9	462	476	469	1.2	24.5

续表3 KYJVP型、ZKYJVP型、WDZKYJVP型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 丝直径 Shielding copper Wire diameter(mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working tempera- ture insulation resis- tance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
					KYJVP	WDZAK YJYP	WDZCK YJYP		
30×0.75	0.6	0.20	1.5	18.5	502	517	510	1.2	24.5
37×0.75	0.6	0.20	1.7	20.2	596	613	605	1.2	24.5
44×0.75	0.6	0.20	1.7	22.3	691	711	702	1.2	24.5
48×0.75	0.6	0.20	1.7	22.7	738	758	749	1.2	24.5
52×0.75	0.6	0.20	1.7	23.2	783	804	795	1.2	24.5
61×0.75	0.6	0.20	1.7	24.5	891	913	903	1.2	24.5
2×1	0.6	0.15	1.2	8.4	98	103	101	1.1	18.1
3×1	0.6	0.15	1.2	8.8	112	118	115	1.1	18.1
4×1	0.6	0.15	1.2	9.4	135	141	138	1.1	18.1
5×1	0.6	0.15	1.2	10.1	146	153	149	1.1	18.1
7×1	0.6	0.15	1.2	10.8	173	181	177	1.1	18.1
8×1	0.6	0.15	1.2	11.8	201	209	205	1.1	18.1
10×1	0.6	0.15	1.5	13.7	255	266	261	1.1	18.1
12×1	0.6	0.15	1.5	14.1	289	300	294	1.1	18.1
14×1	0.6	0.20	1.5	14.9	336	348	342	1.1	18.1
16×1	0.6	0.20	1.5	15.5	369	381	376	1.1	18.1
19×1	0.6	0.20	1.5	16.2	406	419	413	1.1	18.1
24×1	0.6	0.20	1.5	18.6	499	514	507	1.1	18.1
27×1	0.6	0.20	1.5	18.9	541	557	549	1.1	18.1
30×1	0.6	0.20	1.7	19.9	607	624	617	1.1	18.1
37×1	0.6	0.20	1.7	21.3	698	717	708	1.1	18.1
44×1	0.6	0.20	1.7	23.6	825	846	837	1.1	18.1
48×1	0.6	0.20	1.7	24.0	878	899	890	1.1	18.1
52×1	0.6	0.20	1.7	24.6	941	963	953	1.1	18.1
61×1	0.6	0.25	1.7	26.2	1089	1113	1102	1.1	18.1
2×1.5	0.6	0.15	1.2	8.9	112	118	115	1.1	12.1
3×1.5	0.6	0.15	1.2	9.4	135	141	138	1.1	12.1
4×1.5	0.6	0.15	1.2	10.0	160	166	163	1.1	12.1
5×1.5	0.6	0.15	1.2	10.7	178	185	182	1.1	12.1
7×1.5	0.6	0.15	1.2	11.5	217	225	221	1.1	12.1
8×1.5	0.6	0.15	1.2	12.7	247	256	252	1.1	12.1
10×1.5	0.6	0.20	1.5	14.9	338	349	344	1.1	12.1
12×1.5	0.6	0.20	1.5	15.3	376	389	383	1.1	12.1
14×1.5	0.6	0.20	1.5	16.0	413	426	420	1.1	12.1
16×1.5	0.6	0.20	1.5	16.7	468	481	475	1.1	12.1
19×1.5	0.6	0.20	1.5	17.5	520	534	528	1.1	12.1
24×1.5	0.6	0.20	1.7	20.5	657	675	668	1.1	12.1
27×1.5	0.6	0.20	1.7	20.8	715	734	726	1.1	12.1
30×1.5	0.6	0.20	1.7	21.5	775	794	785	1.1	12.1

续表3 KYJVP型、ZKYJVP型、WDZKYJVP型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 丝直径 Shielding copper Wire diameter(mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working tempera- ture insulation resis- tance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
					KYJVP	WDZAK YJYP	WDZCK YJYP		
37×1.5	0.6	0.20	1.7	23.0	914	935	926	1.1	12.1
44×1.5	0.6	0.25	1.7	25.8	1105	1128	1117	1.1	12.1
48×1.5	0.6	0.25	1.7	26.2	1177	1201	1190	1.1	12.1
52×1.5	0.6	0.25	1.7	26.9	1248	1273	1262	1.1	12.1
61×1.5	0.6	0.25	1.7	28.4	1429	1455	1443	1.1	12.1
2×2.5	0.7	0.15	1.2	10.1	148	155	152	1.0	7.41
3×2.5	0.7	0.15	1.2	10.6	182	189	186	1.0	7.41
4×2.5	0.7	0.15	1.2	11.5	219	227	223	1.0	7.41
5×2.5	0.7	0.15	1.2	12.4	247	255	251	1.0	7.41
7×2.5	0.7	0.15	1.5	13.9	325	336	331	1.0	7.41
8×2.5	0.7	0.20	1.5	15.6	394	407	401	1.0	7.41
10×2.5	0.7	0.20	1.5	17.3	473	487	481	1.0	7.41
12×2.5	0.7	0.20	1.5	17.8	539	554	547	1.0	7.41
14×2.5	0.7	0.20	1.5	18.6	604	619	612	1.0	7.41
16×2.5	0.7	0.20	1.7	19.9	688	706	698	1.0	7.41
19×2.5	0.7	0.20	1.7	20.9	773	791	783	1.0	7.41
24×2.5	0.7	0.20	1.7	24.1	960	981	972	1.0	7.41
27×2.5	0.7	0.20	1.7	24.5	1069	1092	1082	1.0	7.41
30×2.5	0.7	0.25	1.7	25.6	1203	1226	1216	1.0	7.41
37×2.5	0.7	0.25	1.7	27.4	1405	1430	1419	1.0	7.41
44×2.5	0.7	0.25	2.0	31.2	1696	1727	1714	1.0	7.41
48×2.5	0.7	0.25	2.0	31.7	1812	1844	1831	1.0	7.41
52×2.5	0.7	0.25	2.0	32.5	1927	1960	1946	1.0	7.41
61×2.5	0.7	0.25	2.0	34.4	2212	2247	2233	1.0	4.61
2×4	0.7	0.15	1.2	11.1	183	191	187	0.85	4.61
3×4	0.7	0.15	1.2	11.7	231	240	235	0.85	4.61
4×4	0.7	0.15	1.2	12.6	288	297	293	0.85	4.61
5×4	0.7	0.15	1.5	14.2	360	371	366	0.85	4.61
7×4	0.7	0.20	1.5	15.5	462	474	469	0.85	4.61
8×4	0.7	0.20	1.5	17.2	527	541	535	0.85	4.61
10×4	0.7	0.20	1.5	19.2	641	657	649	0.85	4.61
12×4	0.7	0.20	1.7	20.2	749	766	758	0.85	4.61
14×4	0.7	0.20	1.7	21.1	838	856	848	0.85	4.61
2×6	0.7	0.15	1.2	12.1	232	241	236	0.7	3.08
3×6	0.7	0.15	1.2	12.8	299	308	303	0.7	3.08
4×6	0.7	0.20	1.5	14.6	408	419	414	0.7	3.08
5×6	0.7	0.20	1.5	15.8	486	499	493	0.7	3.08
7×6	0.7	0.20	1.5	17.1	606	619	613	0.7	3.08
8×6	0.7	0.20	1.5	18.9	692	707	700	0.7	3.08
10×6	0.7	0.20	1.7	21.6	876	895	887	0.7	3.08
12×6	0.7	0.20	1.7	22.3	1005	1025	1016	0.7	3.08
14×6	0.7	0.25	1.7	23.5	1172	1193	1183	0.7	3.08

表4 KYJVP2型、ZKYJVP2型、WDZKYJVP2型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 带厚度 Shielding copper Tape thickness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working tempera- ture insulation resis- tance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
					KYJVP2	WDZAKY- JYP2	WDZCK- YJYP2		
4×0.75	0.6	0.05	1.2	8.6	100	106	103	1.2	24.5
5×0.75	0.6	0.05	1.2	9.2	108	114	111	1.2	24.5
7×0.75	0.6	0.05	1.2	9.8	128	134	131	1.2	24.5
8×0.75	0.6	0.05	1.2	10.8	149	156	152	1.2	24.5
10×0.75	0.6	0.05	1.2	12.0	177	185	181	1.2	24.5
12×0.75	0.6	0.05	1.2	12.4	200	209	204	1.2	24.5
14×0.75	0.6	0.05	1.2	12.9	221	231	226	1.2	24.5
16×0.75	0.6	0.05	1.5	14.1	267	278	273	1.2	24.5
19×0.75	0.6	0.05	1.5	14.8	293	305	299	1.2	24.5
24×0.75	0.6	0.05	1.5	17.0	364	378	371	1.2	24.5
27×0.75	0.6	0.05	1.5	17.3	399	413	407	1.2	24.5
30×0.75	0.6	0.05	1.5	17.8	428	443	436	1.2	24.5
37×0.75	0.6	0.05	1.5	19.1	502	518	510	1.2	24.5
44×0.75	0.6	0.05	1.7	21.7	610	630	621	1.2	24.5
48×0.75	0.6	0.05	1.7	22.0	653	673	664	1.2	24.5
52×0.75	0.6	0.05	1.7	22.6	695	715	706	1.2	24.5
61×0.75	0.6	0.05	1.7	23.9	788	809	800	1.2	24.5
4×1	0.6	0.05	1.2	9.0	113	119	116	1.1	18.1
5×1	0.6	0.05	1.2	9.6	124	130	127	1.1	18.1
7×1	0.6	0.05	1.2	10.3	149	156	152	1.1	18.1
8×1	0.6	0.05	1.2	11.4	173	181	177	1.1	18.1
10×1	0.6	0.05	1.2	12.7	207	216	211	1.1	18.1
12×1	0.6	0.05	1.2	13.0	236	245	240	1.1	18.1
14×1	0.6	0.05	1.5	14.2	280	291	286	1.1	18.1
16×1	0.6	0.05	1.5	14.9	314	326	321	1.1	18.1
19×1	0.6	0.05	1.5	15.6	348	361	355	1.1	18.1
24×1	0.6	0.05	1.5	17.9	433	448	441	1.1	18.1
27×1	0.6	0.05	1.5	18.3	476	491	484	1.1	18.1
30×1	0.6	0.05	1.5	18.9	513	529	521	1.1	18.1
37×1	0.6	0.05	1.7	20.6	623	641	633	1.1	18.1
44×1	0.6	0.05	1.7	23.0	734	754	745	1.1	18.1
48×1	0.6	0.05	1.7	23.3	787	808	798	1.1	18.1
52×1	0.6	0.05	1.7	23.9	838	860	850	1.1	18.1
61×1	0.6	0.05	1.7	25.3	955	978	968	1.1	18.1
4×1.5	0.6	0.05	1.2	9.6	137	144	140	1.1	12.1
5×1.5	0.6	0.05	1.2	10.3	154	161	157	1.1	12.1
7×1.5	0.6	0.05	1.2	11.1	189	197	193	1.1	12.1
8×1.5	0.6	0.05	1.2	12.2	219	228	223	1.1	12.1
10×1.5	0.6	0.05	1.5	14.3	282	293	288	1.1	12.1

续表4 KYJVP2型、ZKYJVP2型、WDZKYJVP2型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 带厚度 Shielding copper Tape thickness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working tempera- ture insulation resis- tance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
					KYJVP2	WDZAKY- JYP2	WDZCK- YJYP2		
12×1.5	0.6	0.05	1.5	14.7	321	333	327	1.1	12.1
14×1.5	0.6	0.05	1.5	15.3	359	371	365	1.1	12.1
16×1.5	0.6	0.05	1.5	16.1	403	416	410	1.1	12.1
19×1.5	0.6	0.05	1.5	16.8	452	466	460	1.1	12.1
24×1.5	0.6	0.05	1.5	19.4	564	580	572	1.1	12.1
27×1.5	0.6	0.05	1.7	20.2	640	658	650	1.1	12.1
30×1.5	0.6	0.05	1.7	20.9	693	711	703	1.1	12.1
37×1.5	0.6	0.05	1.7	22.4	822	842	833	1.1	12.1
44×1.5	0.6	0.05	1.7	25.0	969	992	981	1.1	12.1
48×1.5	0.6	0.05	1.7	25.4	1042	1065	1055	1.1	12.1
52×1.5	0.6	0.05	1.7	26.0	1114	1138	1127	1.1	12.1
61×1.5	0.6	0.05	1.7	27.6	1277	1302	1291	1.1	12.1
4×2.5	0.7	0.05	1.2	11.0	194	201	198	1.0	7.41
5×2.5	0.7	0.05	1.2	11.9	220	228	224	1.0	7.41
7×2.5	0.7	0.05	1.2	12.9	276	286	281	1.0	7.41
8×2.5	0.7	0.05	1.5	14.9	339	351	346	1.0	7.41
10×2.5	0.7	0.05	1.5	16.7	410	424	417	1.0	7.41
12×2.5	0.7	0.05	1.5	17.2	472	486	479	1.0	7.41
14×2.5	0.7	0.05	1.5	18.0	531	546	539	1.0	7.41
16×2.5	0.7	0.05	1.5	18.9	600	615	608	1.0	7.41
19×2.5	0.7	0.05	1.7	20.2	697	715	707	1.0	7.41
24×2.5	0.7	0.05	1.7	23.4	871	892	882	1.0	7.41
27×2.5	0.7	0.05	1.7	23.9	963	985	975	1.0	7.41
30×2.5	0.7	0.05	1.7	24.7	1048	1070	1060	1.0	7.41
37×2.5	0.7	0.05	1.7	26.6	1252	1277	1266	1.0	7.41
44×2.5	0.7	0.05	2.0	30.4	1520	1551	1538	1.0	7.41
48×2.5	0.7	0.05	2.0	30.8	1638	1669	1656	1.0	7.41
52×2.5	0.7	0.05	2.0	31.7	1754	1786	1773	1.0	7.41
61×2.5	0.7	0.05	2.0	33.6	2016	2050	2036	1.0	4.61
4×4	0.7	0.05	1.2	12.2	260	269	264	0.85	4.61
5×4	0.7	0.05	1.5	13.8	325	335	330	0.85	4.61
7×4	0.7	0.05	1.5	14.9	407	419	413	0.85	4.61
8×4	0.7	0.05	1.5	16.5	464	477	471	0.85	4.61
10×4	0.7	0.05	1.5	18.5	569	585	577	0.85	4.61
12×4	0.7	0.05	1.5	19.1	660	676	668	0.85	4.61
14×4	0.7	0.05	1.7	20.4	767	785	777	0.85	4.61
4×6	0.7	0.05	1.5	14.0	360	371	366	0.7	3.08
5×6	0.7	0.05	1.5	15.2	432	444	438	0.7	3.08
7×6	0.7	0.05	1.5	16.4	553	567	560	0.7	3.08

续表4 KYJV2型、ZKYJV2型、WDZKYJV2型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 带厚度 Shielding copper Tape thickness (mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working tempera- ture insulation resis- tance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
					KYJV2	WDZAKY- JYP2	WDZCK- YJYP2		
8×6	0.7	0.05	1.5	18.3	631	646	639	0.7	3.08
10×6	0.7	0.05	1.7	21.0	802	820	812	0.7	3.08
12×6	0.7	0.05	1.7	21.6	924	943	935	0.7	3.08
14×6	0.7	0.05	1.7	22.7	1053	1073	1064	0.7	3.08
4×10	1.0	0.05	1.5	17.1	542	556	550	0.65	1.83
5×10	1.0	0.05	1.5	18.6	655	671	663	0.65	1.83
7×10	1.0	0.05	1.7	20.7	889	907	899	0.65	1.83
8×10	1.0	0.05	1.7	23.1	1009	1030	1021	0.65	1.83
10×10	1.0	0.05	1.7	26.1	1226	1250	1239	0.65	1.83

表5 KYJV22型、ZKYJV22型、WDZKYJV23型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	铠装钢带 层数×厚度 Armour tape Layer × thickness(mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working tempera- ture insulation resis- tance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
					KYJV22	WDZA- KYJV23	WDZCK- YJV23		
7×0.75	0.6	2×0.2	1.5	12.9	245	253	250	1.2	24.5
8×0.75	0.6	2×0.2	1.5	13.9	276	285	282	1.2	24.5
10×0.75	0.6	2×0.2	1.5	15.1	317	327	323	1.2	24.5
12×0.75	0.6	2×0.2	1.5	15.4	344	354	351	1.2	24.5
14×0.75	0.6	2×0.2	1.5	16.0	371	381	378	1.2	24.5
16×0.75	0.6	2×0.2	1.5	16.6	406	416	413	1.2	24.5
19×0.75	0.6	2×0.2	1.5	17.3	437	449	445	1.2	24.5
24×0.75	0.6	2×0.2	1.5	19.4	528	541	537	1.2	24.5
27×0.75	0.6	2×0.2	1.7	20.1	584	599	594	1.2	24.5
30×0.75	0.6	2×0.2	1.7	20.7	619	634	629	1.2	24.5
37×0.75	0.6	2×0.2	1.7	22.0	706	722	716	1.2	24.5
44×0.75	0.6	2×0.2	1.7	24.2	817	835	829	1.2	24.5
48×0.75	0.6	2×0.2	1.7	24.5	863	882	876	1.2	24.5
52×0.75	0.6	2×0.2	1.7	25.0	910	929	922	1.2	24.5
61×0.75	0.6	2×0.2	1.7	26.3	1015	1035	1028	1.2	24.5
7×1	0.6	2×0.2	1.5	13.4	271	280	277	1.1	18.1
8×1	0.6	2×0.2	1.5	14.4	307	316	313	1.1	18.1
10×1	0.6	2×0.2	1.5	15.7	354	364	361	1.1	18.1
12×1	0.6	2×0.2	1.5	16.1	387	397	394	1.1	18.1
14×1	0.6	2×0.2	1.5	16.7	419	430	426	1.1	18.1
16×1	0.6	2×0.2	1.5	17.4	459	471	467	1.1	18.1
19×1	0.6	2×0.2	1.5	18.1	500	512	508	1.1	18.1

续表5 KYJV22型、ZKYJV22型、WDZKYJV23型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	铠装钢带 层数×厚度 Armour tape Layer × thickness(mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working tempera- ture insulation resis- tance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
					KYJV22	WDZA- KYJV23	WDZCK- YJV23		
24×1	0.6	2×0.2	1.7	20.8	624	639	635	1.1	18.1
27×1	0.6	2×0.2	1.7	21.1	671	686	681	1.1	18.1
30×1	0.6	2×0.2	1.7	21.7	714	730	725	1.1	18.1
37×1	0.6	2×0.2	1.7	23.1	820	837	832	1.1	18.1
44×1	0.6	2×0.2	1.7	25.4	952	971	965	1.1	18.1
48×1	0.6	2×0.2	1.7	25.8	1009	1028	1022	1.1	18.1
52×1	0.6	2×0.2	1.7	26.4	1066	1086	1079	1.1	18.1
61×1	0.6	2×0.2	1.7	28.2	1223	1244	1237	1.1	18.1
4×1.5	0.6	2×0.2	1.5	12.6	252	260	257	1.1	12.1
5×1.5	0.6	2×0.2	1.5	13.4	276	284	281	1.1	12.1
7×1.5	0.6	2×0.2	1.5	14.1	319	328	325	1.1	12.1
8×1.5	0.6	2×0.2	1.5	15.3	362	371	368	1.1	12.1
10×1.5	0.6	2×0.2	1.5	16.7	421	432	428	1.1	12.1
12×1.5	0.6	2×0.2	1.5	17.1	464	476	472	1.1	12.1
14×1.5	0.6	2×0.2	1.5	17.8	508	520	516	1.1	12.1
16×1.5	0.6	2×0.2	1.5	18.5	559	572	567	1.1	12.1
19×1.5	0.6	2×0.2	1.5	19.3	616	629	624	1.1	12.1
24×1.5	0.6	2×0.2	1.7	22.3	771	787	782	1.1	12.1
27×1.5	0.6	2×0.2	1.7	22.7	833	850	844	1.1	12.1
30×1.5	0.6	2×0.2	1.7	23.3	892	909	904	1.1	12.1
37×1.5	0.6	2×0.2	1.7	24.9	1035	1054	1047	1.1	12.1
44×1.5	0.6	2×0.2	1.7	27.8	1233	1254	1247	1.1	12.1
48×1.5	0.6	2×0.2	1.7	28.2	1310	1332	1324	1.1	12.1
52×1.5	0.6	2×0.2	1.7	28.9	1389	1411	1403	1.1	12.1
61×1.5	0.6	2×0.2	2.0	31.0	1607	1634	1626	1.1	12.1
4×2.5	0.7	2×0.2	1.5	14.1	313	322	319	1.0	7.41
5×2.5	0.7	2×0.2	1.5	15.0	357	367	363	1.0	7.41
7×2.5	0.7	2×0.2	1.5	15.9	429	439	436	1.0	7.41
8×2.5	0.7	2×0.2	1.5	17.4	483	494	490	1.0	7.41
10×2.5	0.7	2×0.2	1.5	19.1	569	582	578	1.0	7.41
12×2.5	0.7	2×0.2	1.7	20.0	651	665	661	1.0	7.41
14×2.5	0.7	2×0.2	1.7	20.8	721	736	731	1.0	7.41
16×2.5	0.7	2×0.2	1.7	21.7	793	809	804	1.0	7.41
19×2.5	0.7	2×0.2	1.7	22.7	894	910	905	1.0	7.41
24×2.5	0.7	2×0.2	1.7	25.9	1091	1111	1104	1.0	7.41
27×2.5	0.7	2×0.2	1.7	26.4	1183	1202	1196	1.0	7.41
30×2.5	0.7	2×0.2	1.7	27.6	1307	1328	1321	1.0	7.41
37×2.5	0.7	2×0.2	2.0	30.1	1575	1600	1593	1.0	7.41
44×2.5	0.7	2×0.2	2.0	33.2	1835	1863	1854	1.0	7.41

续表5 KYJV22型、ZKYJV22型、WDZKYJV23型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	铠装钢带 层数×厚度 Armour tape Layer × thickness(mm)	护套厚度 Sheath thickness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working tempera- ture insulation resis- tance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
					KYJV22	WDZA- KYJV23	WDZCK- YJV23		
48×2.5	0.7	2×0.2	2.0	33.7	1954	1983	1974	1.0	7.41
52×2.5	0.7	2×0.5	2.0	35.7	2413	2443	2434	1.0	7.41
61×2.5	0.7	2×0.5	2.0	37.6	2718	2751	2741	1.0	4.61
4×4	0.7	2×0.2	1.5	15.2	402	412	408	0.85	4.61
5×4	0.7	2×0.2	1.5	16.3	460	470	467	0.85	4.61
7×4	0.7	2×0.2	1.5	17.4	552	564	560	0.85	4.61
8×4	0.7	2×0.2	1.5	19.0	624	637	632	0.85	4.61
10×4	0.7	2×0.2	1.7	21.4	767	783	777	0.85	4.61
12×4	0.7	2×0.2	1.7	22.0	864	880	875	0.85	4.61
14×4	0.7	2×0.2	1.7	22.9	963	979	974	0.85	4.61
4×6	0.7	2×0.2	1.5	16.5	497	508	504	0.7	3.08
5×6	0.7	2×0.2	1.7	18.0	595	608	604	0.7	3.08
7×6	0.7	2×0.2	1.7	19.3	729	743	739	0.7	3.08
8×6	0.7	2×0.2	1.7	21.2	826	841	836	0.7	3.08
10×6	0.7	2×0.2	1.7	23.4	1002	1019	1014	0.7	3.08
12×6	0.7	2×0.2	1.7	24.1	1131	1148	1143	0.7	3.08
14×6	0.7	2×0.2	1.7	25.1	1269	1288	1282	0.7	3.08
4×10	0.7	2×0.2	1.7	20.0	721	735	730	0.65	1.83
5×10	0.7	2×0.2	1.7	21.5	850	865	860	0.65	1.83
7×10	0.7	2×0.2	1.7	23.2	1080	1097	1091	0.65	1.83
8×10	0.7	2×0.2	1.7	25.6	1227	1246	1240	0.65	1.83
10×10	0.7	2×0.2	1.7	29.0	1511	1533	1526	0.65	1.83

表6 KYJVP2-22型、ZKYJVP2-22型、WDZKYJVP2-23型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜带 厚度 Shielding copper Tape thickness (mm)	铠装钢带 层数×厚度 Armour tape Layer × thickness(mm)	护套厚度 Sheath thick- ness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
						KYJVP2- 22	WDZAKY- JVP2-23	WDZCK- YJP2-23		
7×0.75	0.6	0.05	2×0.2	1.5	12.6	253	264	259	1.2	24.5
8×0.75	0.6	0.05	2×0.5	1.5	13.5	287	299	292	1.2	24.5
10×0.75	0.6	0.05	2×0.5	1.5	14.8	330	344	336	1.2	24.5
12×0.75	0.6	0.05	2×0.2	1.5	15.2	358	372	364	1.2	24.5
14×0.75	0.6	0.05	2×0.2	1.5	15.7	385	401	392	1.2	24.5
16×0.75	0.6	0.05	2×0.2	1.5	16.3	421	437	428	1.2	24.5
19×0.75	0.6	0.05	2×0.2	1.5	17.0	454	471	462	1.2	24.5
24×0.75	0.6	0.05	2×0.2	1.7	19.6	567	588	576	1.2	24.5
27×0.75	0.6	0.05	2×0.2	1.7	19.9	606	627	616	1.2	24.5
30×0.75	0.6	0.05	2×0.2	1.7	20.4	642	664	652	1.2	24.5

续表6 KYJVP2-22型、ZKYJVP2-22型、WDZKYJVP2-23型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜带 厚度 Shielding copper Tape thickness (mm)	铠装钢带 层数×厚度 Armour tape Layer × thickness(mm)	护套厚度 Sheath thick- ness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
						KYJVP2- 22	WDZAKY- JVP2-23	WDZCK- YJP2-23		
37×0.75	0.6	0.05	2×0.2	1.7	21.7	731	755	742	1.2	24.5
44×0.75	0.6	0.05	2×0.5	1.7	23.9	847	874	859	1.2	24.5
48×0.75	0.6	0.05	2×0.5	1.7	24.2	893	921	905	1.2	24.5
52×0.75	0.6	0.05	2×0.2	1.7	24.8	941	969	953	1.2	24.5
61×0.75	0.6	0.05	2×0.2	1.7	26.1	1049	1079	1062	1.2	24.5
7×1	0.6	0.05	2×0.2	1.5	13.1	281	292	286	1.1	18.1
8×1	0.6	0.05	2×0.2	1.5	14.0	318	331	324	1.1	18.1
10×1	0.6	0.05	2×0.2	1.5	15.5	368	383	374	1.1	18.1
12×1	0.6	0.05	2×0.2	1.5	15.8	401	417	408	1.1	18.1
14×1	0.6	0.05	2×0.2	1.5	16.4	435	451	442	1.1	18.1
16×1	0.6	0.05	2×0.2	1.5	17.1	477	494	484	1.1	18.1
19×1	0.6	0.05	2×0.2	1.5	17.8	518	536	526	1.1	18.1
24×1	0.6	0.05	2×0.2	1.7	20.5	647	669	657	1.1	18.1
27×1	0.6	0.05	2×0.2	1.7	20.9	695	717	705	1.1	18.1
30×1	0.6	0.05	2×0.2	1.7	21.5	739	763	750	1.1	18.1
37×1	0.6	0.05	2×0.2	1.7	22.8	848	873	859	1.1	18.1
44×1	0.6	0.05	2×0.2	1.7	25.2	984	1013	997	1.1	18.1
48×1	0.6	0.05	2×0.2	1.7	25.5	1042	1071	1054	1.1	18.1
52×1	0.6	0.05	2×0.2	1.7	26.1	1100	1130	1113	1.1	18.1
61×1	0.6	0.05	2×0.2	1.7	27.5	1233	1265	1246	1.1	18.1
4×1.5	0.6	0.05	2×0.2	1.5	12.4	260	270	265	1.1	12.1
5×1.5	0.6	0.05	2×0.2	1.5	13.1	285	297	290	1.1	12.1
7×1.5	0.6	0.05	2×0.2	1.5	13.9	330	343	336	1.1	12.1
8×1.5	0.6	0.05	2×0.2	1.5	14.8	375	389	381	1.1	12.1
10×1.5	0.6	0.05	2×0.2	1.5	16.5	437	453	444	1.1	12.1
12×1.5	0.6	0.05	2×0.2	1.5	16.9	481	498	488	1.1	12.1
14×1.5	0.6	0.05	2×0.2	1.5	17.5	526	543	533	1.1	12.1
16×1.5	0.6	0.05	2×0.2	1.5	18.3	579	597	587	1.1	12.1
19×1.5	0.6	0.05	2×0.2	1.5	19.0	637	656	645	1.1	12.1
24×1.5	0.6	0.05	2×0.2	1.7	22.0	797	821	807	1.1	12.1
27×1.5	0.6	0.05	2×0.2	1.7	22.4	859	884	870	1.1	12.1
30×1.5	0.6	0.05	2×0.2	1.7	23.1	920	946	931	1.1	12.1
37×1.5	0.6	0.05	2×0.2	1.7	24.6	1066	1094	1078	1.1	12.1
44×1.5	0.6	0.05	2×0.2	1.7	27.6	1269	1301	1282	1.1	12.1
48×1.5	0.6	0.05	2×0.2	1.7	28.0	1347	1379	1361	1.1	12.1
52×1.5	0.6	0.05	2×0.2	2.0	29.2	1465	1501	1482	1.1	12.1
61×1.5	0.6	0.05	2×0.2	2.0	30.8	1648	1686	1666	1.1	12.1
4×2.5	0.7	0.05	2×0.2	1.5	13.8	324	337	330	1.0	7.41
5×2.5	0.7	0.05	2×0.2	1.5	14.7	369	383	376	1.0	7.41

续表6 KYJVP2-22型、ZKYJVP2-22型、WDZKYJVP2-23型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 带厚度 Shielding copper Tape thickness (mm)	铠装钢带 层数×厚度 Armour tape Layer × thickness(mm)	护套厚度 Sheath thick- ness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
						KYJVP2-22	WDZAKY-JYP2-23	WDZCK-YJP2-23		
7×2.5	0.7	0.05	2×0.2	1.5	15.7	444	459	450	1.0	7.41
8×2.5	0.7	0.05	2×0.5	1.5	16.8	500	516	507	1.0	7.41
10×2.5	0.7	0.05	2×0.5	1.5	18.9	590	609	598	1.0	7.41
12×2.5	0.7	0.05	2×0.2	1.7	19.8	672	693	682	1.0	7.41
14×2.5	0.7	0.05	2×0.2	1.7	20.6	744	766	754	1.0	7.41
16×2.5	0.7	0.05	2×0.2	1.7	21.5	818	842	829	1.0	7.41
19×2.5	0.7	0.05	2×0.2	1.7	22.4	920	945	931	1.0	7.41
24×2.5	0.7	0.05	2×0.2	1.7	26.0	1149	1179	1162	1.0	7.41
27×2.5	0.7	0.05	2×0.2	1.7	26.5	1242	1272	1255	1.0	7.41
30×2.5	0.7	0.05	2×0.2	1.7	27.3	1342	1374	1356	1.0	7.41
37×2.5	0.7	0.05	2×0.2	2.0	29.8	1614	1651	1631	1.0	7.41
44×2.5	0.7	0.05	2×0.5	2.0	33.0	1879	1921	1899	1.0	7.41
48×2.5	0.7	0.05	2×0.5	2.0	33.4	2000	2043	2020	1.0	7.41
52×2.5	0.7	0.05	2×0.2	2.2	34.7	2159	2205	2182	1.0	7.41
61×2.5	0.7	0.05	2×0.2	2.2	37.8	2800	2851	2824	1.0	4.61
4×4	0.7	0.05	2×0.2	1.5	15.0	415	429	421	0.85	4.61
5×4	0.7	0.05	2×0.2	1.5	16.0	475	490	481	0.85	4.61
7×4	0.7	0.05	2×0.2	1.5	17.1	569	586	577	0.85	4.61
8×4	0.7	0.05	2×0.2	1.5	18.6	644	663	652	0.85	4.61
10×4	0.7	0.05	2×0.2	1.7	21.1	791	814	801	0.85	4.61
12×4	0.7	0.05	2×0.2	1.7	21.7	889	913	900	0.85	4.61
14×4	0.7	0.05	2×0.5	1.7	22.6	990	1015	1001	0.85	4.61
4×6	0.7	0.05	2×0.5	1.5	16.2	512	528	519	0.7	3.08
5×6	0.7	0.05	2×0.2	1.5	17.4	597	614	605	0.7	3.08
7×6	0.7	0.05	2×0.2	1.5	18.6	733	752	741	0.7	3.08
8×6	0.7	0.05	2×0.2	1.7	20.9	850	872	860	0.7	3.08
10×6	0.7	0.05	2×0.2	1.7	23.2	1030	1056	1041	0.7	3.08
12×6	0.7	0.05	2×0.2	1.7	23.8	1160	1187	1172	0.7	3.08
14×6	0.7	0.05	2×0.2	1.7	24.9	1301	1329	1313	0.7	3.08
4×10	0.7	0.05	2×0.2	1.5	19.3	587	607	595	0.65	1.83
5×10	0.7	0.05	2×0.2	1.7	21.2	699	723	710	0.65	1.83
7×10	0.7	0.05	2×0.2	1.7	22.9	863	889	875	0.65	1.83
8×10	0.7	0.05	2×0.2	1.7	25.3	976	1005	988	0.65	1.83
10×10	0.7	0.05	2×0.2	1.7	28.7	1182	1216	1196	0.65	1.83

表7 KYJV32型、ZKYJV32型、WDZKYJV33型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	铠装钢丝根数× 直径 number of root diameter × armouring wire(mm)	护套厚度 Sheath thick- ness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
					KYJV32	WDZA-KYJV33	WDZCK-YJV33		
19×0.75	0.6	36×1.25	1.5	19.0	712	767	721	0.012	24.5
24×0.75	0.6	33×1.60	1.7	22.2	991	1058	1002	0.012	24.5
27×0.75	0.6	33×1.60	1.7	22.5	1038	1107	1049	0.012	24.5
30×0.75	0.6	34×1.60	1.7	23.1	1087	1159	1099	0.012	24.5
37×0.75	0.6	37×1.60	1.7	24.4	1207	1284	1219	0.012	24.5
44×0.75	0.6	41×1.60	1.7	26.6	1374	1461	1387	0.012	24.5
48×0.75	0.6	42×1.60	1.7	26.9	1429	1516	1442	0.012	24.5
52×0.75	0.6	43×1.60	1.7	27.4	1490	1580	1503	0.012	24.5
61×0.75	0.6	46×1.60	2.0	29.3	1666	1765	1683	0.012	24.5
19×1	0.6	38×1.25	1.7	20.2	806	864	815	0.011	18.1
24×1	0.6	34×1.60	1.7	23.2	1091	1163	1103	0.011	18.1
27×1	0.6	35×1.60	1.7	23.5	1147	1220	1159	0.011	18.1
30×1	0.6	36×1.60	1.7	24.1	1206	1282	1218	0.011	18.1
37×1	0.6	39×1.60	1.7	25.5	1347	1429	1359	0.011	18.1
44×1	0.6	44×1.60	1.7	27.8	1539	1631	1553	0.011	18.1
48×1	0.6	44×1.60	1.7	28.2	1604	1698	1618	0.011	18.1
52×1	0.6	46×1.60	1.7	28.8	1677	1773	1691	0.011	18.1
61×1	0.6	49×1.60	2.0	31.2	1918	2025	1937	0.011	18.1
7×1.5	0.6	42×0.80	1.5	14.9	424	461	430	0.011	12.1
8×1.5	0.6	47×0.80	1.5	16.1	477	519	484	0.011	12.1
10×1.5	0.6	34×1.25	1.5	18.4	683	735	691	0.011	12.1
12×1.5	0.6	35×1.25	1.7	19.2	750	805	760	0.011	12.1
14×1.5	0.6	37×1.25	1.7	19.9	806	864	816	0.011	12.1
16×1.5	0.6	31×1.60	1.7	21.3	993	1057	1003	0.011	12.1
19×1.5	0.6	32×1.60	1.7	22.1	1069	1137	1080	0.011	12.1
24×1.5	0.6	37×1.60	1.7	24.7	1272	1351	1285	0.011	12.1
27×1.5	0.6	38×1.60	1.7	25.1	1344	1424	1357	0.011	12.1
30×1.5	0.6	39×1.60	1.7	25.7	1421	1504	1433	0.011	12.1
37×1.5	0.6	42×1.60	1.7	27.3	1602	1692	1616	0.011	12.1
44×1.5	0.6	48×1.60	2.0	30.8	1915	2020	1933	0.011	12.1
48×1.5	0.6	49×1.60	2.0	31.2	2002	2109	2021	0.011	12.1
52×1.5	0.6	50×1.60	2.0	31.9	2099	2209	2118	0.011	12.1
61×1.5	0.6	53×1.60	2.2	33.8	2347	2466	2369	0.011	12.1
7×2.5	0.7	32×1.25	1.5	17.6	673	722	681	0.01	7.41
8×2.5	0.7	35×1.25	1.7	19.5	769	825	779	0.01	7.41
10×2.5	0.7	31×1.60	1.7	21.9	1012	1079	1023	0.01	7.41
12×2.5	0.7	32×1.60	1.7	22.4	1090	1158	1101	0.01	7.41
14×2.5	0.7	34×1.60	1.7	23.2	1179	1252	1191	0.01	7.41
16×2.5	0.7	36×1.60	1.7	24.1	1275	1351	1287	0.01	7.41

续表7 KYJV32型、ZKYJV32型、WDZKYJV33型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	铠装钢丝根数× 直径 number of root diameter × armouring wire(mm)	护套厚度 Sheath thick- ness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
					KYJV32	WDZA- KYJV33	WDZCK- YJV33		
19×2.5	0.7	38×1.60	1.7	25.1	1399	1479	1411	0.01	7.41
24×2.5	0.7	44×1.60	2.0	28.9	1714	1810	1731	0.01	7.41
27×2.5	0.7	45×1.60	2.0	29.4	1817	1916	1835	0.01	7.41
30×2.5	0.7	47×1.60	2.0	30.6	1973	2077	1991	0.01	7.41
37×2.5	0.7	41×2.0	2.2	33.7	2505	2623	2527	0.01	7.41
44×2.5	0.7	46×2.0	2.2	36.8	2872	3004	2896	0.01	7.41
48×2.5	0.7	46×2.0	2.2	37.2	3000	3134	3024	0.01	7.41
52×2.5	0.7	48×2.0	2.2	38.1	3160	3297	3184	0.01	7.41
61×2.5	0.7	51×2.0	2.2	40.0	3513	3659	3539	0.01	7.41
4×4	0.7	46×0.8	1.5	16.0	513	555	520	0.0085	4.61
5×4	0.7	32×1.25	1.5	18.0	708	758	715	0.0085	4.61
7×4	0.7	35×1.25	1.7	19.5	837	892	846	0.0085	4.61
8×4	0.7	31×1.60	1.7	21.8	1061	1127	1072	0.0085	4.61
10×4	0.7	35×1.60	1.7	23.8	1238	1313	1250	0.0085	4.61
12×4	0.7	36×1.60	1.7	24.4	1348	1425	1360	0.0085	4.61
14×4	0.7	38×1.60	1.7	25.3	1469	1550	1482	0.0085	4.61
4×6	0.7	33×1.25	1.5	18.2	747	798	755	0.007	3.08
5×6	0.7	36×1.25	1.7	19.7	867	924	877	0.007	3.08
7×6	0.7	39×1.25	1.7	21.0	1023	1086	1034	0.007	3.08
8×6	0.7	34×1.60	1.7	23.6	1287	1361	1299	0.007	3.08
10×6	0.7	39×1.60	1.7	25.8	1518	1602	1531	0.007	3.08
12×6	0.7	40×1.60	1.7	26.5	1663	1750	1676	0.007	3.08
14×6	0.7	42×1.60	1.7	27.5	1827	1918	1841	0.007	3.08
4×10	0.7	32×1.60	1.7	22.4	1148	1217	1159	0.0065	1.83
5×10	0.7	35×1.60	1.7	23.9	1314	1389	1326	0.0065	1.83
7×10	0.7	38×1.60	1.7	25.6	1584	1666	1596	0.0065	1.83
8×10	0.7	42×1.60	2.0	28.6	1827	1923	1844	0.0065	1.83
10×10	0.7	49×1.60	2.0	32.0	2197	2308	2216	0.0065	1.83

表8 KYJVP-22型、ZKYJVP-22型、WDZKYJVP-23型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 丝直径 Shielding copper Wire diameter (mm)	铠装钢带 厚度×层数 Armour tape Thickness × number(mm)	护套厚度 Sheath thick- ness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
						KYJVP- 22	WDZAKY- JVP2-23	WDZCK- YJP2-23		
7×0.75	0.6	0.15	2×0.2	1.5	13.7	295	307	301	1.2	24.5
8×0.75	0.6	0.15	2×0.2	1.5	14.7	327	340	333	1.2	24.5
10×0.75	0.6	0.15	2×0.2	1.5	15.9	375	390	382	1.2	24.5
12×0.75	0.6	0.15	2×0.2	1.5	16.2	405	421	412	1.2	24.5

表8 KYJVP-22型、ZKYJVP-22型、WDZKYJVP-23型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 丝直径 Shielding copper Wire diameter (mm)	铠装钢带 厚度×层数 Armour tape Thickness × number(mm)	护套厚度 Sheath thick- ness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
						KYJVP2- 22	WDZAKY- JVP2-23	WDZCK- YJP2-23		
14×0.75	0.6	0.15	2×0.2	1.5	16.7	437	453	444	1.2	24.5
16×0.75	0.6	0.20	2×0.2	1.5	17.6	495	512	502	1.2	24.5
19×0.75	0.6	0.20	2×0.2	1.5	18.2	527	546	535	1.2	24.5
24×0.75	0.6	0.20	2×0.2	1.7	20.8	653	676	663	1.2	24.5
27×0.75	0.6	0.20	2×0.2	1.7	21.1	688	710	698	1.2	24.5
30×0.75	0.6	0.20	2×0.2	1.7	21.7	734	758	745	1.2	24.5
37×0.75	0.6	0.20	2×0.2	1.7	23.0	826	852	838	1.2	24.5
44×0.75	0.6	0.20	2×0.2	1.7	25.1	946	975	959	1.2	24.5
48×0.75	0.6	0.20	2×0.2	1.7	25.5	997	1026	1010	1.2	24.5
52×0.75	0.6	0.20	2×0.2	1.7	26.0	1048	1078	1061	1.2	24.5
61×0.75	0.6	0.20	2×0.2	1.7	27.3	1170	1202	1184	1.2	24.5
7×1	0.6	0.15	2×0.2	1.5	14.2	322	334	328	1.1	18.1
8×1	0.6	0.15	2×0.2	1.5	15.2	362	376	368	1.1	18.1
10×1	0.6	0.15	2×0.2	1.5	16.5	415	431	422	1.1	18.1
12×1	0.6	0.15	2×0.2	1.5	16.9	453	469	460	1.1	18.1
14×1	0.6	0.20	2×0.2	1.5	17.7	509	526	517	1.1	18.1
16×1	0.6	0.20	2×0.2	1.5	18.3	550	568	557	1.1	18.1
19×1	0.6	0.20	2×0.2	1.5	19.0	594	613	602	1.1	18.1
24×1	0.6	0.20	2×0.2	1.7	21.8	732	756	743	1.1	18.1
27×1	0.6	0.20	2×0.2	1.7	22.1	779	803	790	1.1	18.1
30×1	0.6	0.20	2×0.2	1.7	22.7	835	860	846	1.1	18.1
37×1	0.6	0.20	2×0.2	1.7	24.1	941	968	953	1.1	18.1
44×1	0.6	0.20	2×0.2	1.7	26.4	1095	1125	1108	1.1	18.1
48×1	0.6	0.20	2×0.2	1.7	27.2	1177	1208	1191	1.1	18.1
52×1	0.6	0.20	2×0.2	1.7	27.8	1248	1280	1262	1.1	18.1
61×1	0.6	0.25	2×0.2	2.0	30.0	1454	1491	1471	1.1	18.1
4×1.5	0.6	0.15	2×0.2	1.5	13.4	298	310	304	1.1	12.1
5×1.5	0.6	0.15	2×0.2	1.5	14.1	326	339	332	1.1	12.1
7×1.5	0.6	0.15	2×0.2	1.5	14.9	375	389	381	1.1	12.1
8×1.5	0.6	0.15	2×0.2	1.5	16.1	419	435	426	1.1	12.1
10×1.5	0.6	0.20	2×0.2	1.5	17.7	511	529	519	1.1	12.1
12×1.5	0.6	0.20	2×0.2	1.5	18.1	554	573	562	1.1	12.1
14×1.5	0.6	0.20	2×0.2	1.5	18.8	598	617	606	1.1	12.1
16×1.5	0.6	0.20	2×0.2	1.7	19.9	679	700	688	1.1	12.1
19×1.5	0.6	0.20	2×0.2	1.7	20.7	741	763	751	1.1	12.1
24×1.5	0.6	0.20	2×0.2	1.7	23.3	891	917	903	1.1	12.1
27×1.5	0.6	0.20	2×0.2	1.7	23.6	954	980	965	1.1	12.1
30×1.5	0.6	0.20	2×0.2	1.7	24.3	1020	1048	1033	1.1	12.1
32×1.5	0.6	0.20	2×0.2	1.7	25.1	1069	1097	1081	1.1	12.1
37×1.5	0.6	0.25	2×0.2	1.7	25.8	1177	1207	1190	1.1	12.1
44×1.5	0.6	0.25	2×0.2	2.0	29.2	1437	1473	1454	1.1	12.1
48×1.5	0.6	0.25	2×0.2	2.0	30.0	1543	1580	1560	1.1	12.1

续表8 KYJVP-22型、ZKYJVP-22型、WDZKYJVP-23型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 丝直径 Shielding copper Wire diameter (mm)	铠装钢带 厚度×层数 Armour tape Thickness × number(mm)	护套厚度 Sheath thick- ness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
						KYJVP2-22	WDZAKY-JYP2-23	WDZCK-YJP2-23		
52×1.5	0.6	0.25	2×0.2	2.0	30.7	1623	1661	1641	1.1	12.1
61×1.5	0.6	0.25	2×0.2	2.0	32.2	1824	1864	1843	1.1	12.1
4×2.5	0.7	0.15	2×0.2	1.5	14.9	366	379	372	1.0	7.41
5×2.5	0.7	0.15	2×0.2	1.5	15.8	413	428	419	1.0	7.41
7×2.5	0.7	0.15	2×0.2	1.5	16.7	490	507	497	1.0	7.41
8×2.5	0.7	0.20	2×0.2	1.5	18.4	573	591	581	1.0	7.41
10×2.5	0.7	0.20	2×0.2	1.7	20.5	689	711	699	1.0	7.41
12×2.5	0.7	0.20	2×0.2	1.7	21.0	758	781	769	1.0	7.41
14×2.5	0.7	0.20	2×0.2	1.7	21.8	836	860	847	1.0	7.41
16×2.5	0.7	0.20	2×0.2	1.7	22.7	909	934	920	1.0	7.41
19×2.5	0.7	0.20	2×0.2	1.7	23.7	1014	1041	1026	1.0	7.41
24×2.5	0.7	0.20	2×0.2	1.7	27.3	1258	1289	1271	1.0	7.41
27×2.5	0.7	0.20	2×0.2	1.7	27.7	1368	1400	1382	1.0	7.41
30×2.5	0.7	0.25	2×0.2	2.0	29.4	1558	1594	1575	1.0	7.41
32×2.5	0.7	0.25	2×0.2	2.0	30.3	1633	1670	1651	1.0	7.41
37×2.5	0.7	0.25	2×0.2	2.0	31.2	1790	1830	1809	1.0	7.41
44×2.5	0.7	0.25	2×0.2	2.2	34.8	2108	2154	2130	1.0	7.41
48×2.5	0.7	0.25	2×0.2	2.2	36.5	2564	2613	2588	1.0	7.41
52×2.5	0.7	0.25	2×0.2	2.2	37.3	2701	2751	2725	1.0	7.41
61×2.5	0.7	0.25	2×0.2	2.2	39.2	3035	3088	3061	1.0	7.41

续表8 KYJVP-22型、ZKYJVP-22型、WDZKYJVP-23型

标称截面 Nominal section Aluminum (mm ²)	绝缘厚度 Insulation thickness (mm)	屏蔽铜 丝直径 Shielding copper Wire diameter (mm)	铠装钢带 厚度×层数 Armour tape Thickness × number(mm)	护套厚度 Sheath thick- ness (mm)	电缆外径 Cable outside diameter (mm)	电缆重量 Cable weight (kg/km)			工作温度 绝缘电阻 Working temperature insulation resistance (Ω·km)	20°C时导体的 最大直流电阻 Conductor at 20 Maximum DC resistance (Ω/km)
						KYJVP2-22	WDZAKY-JYP2-23	WDZCK-YJP2-23		
4×4	0.7	0.15	2×0.2	1.5	16.0	460	475	467	0.85	4.61
5×4	0.7	0.15	2×0.2	1.5	17.0	526	542	533	0.85	4.61
6×4	0.7	0.20	2×0.2	1.5	17.6	578	595	585	0.85	4.61
7×4	0.7	0.20	2×0.2	1.5	18.3	642	661	650	0.85	4.61
8×4	0.7	0.20	2×0.2	1.7	20.4	744	766	754	0.85	4.61
10×4	0.7	0.20	2×0.2	1.7	22.4	882	907	893	0.85	4.61
12×4	0.7	0.20	2×0.2	1.7	23.0	979	1005	990	0.85	4.61
14×4	0.7	0.20	2×0.2	1.7	23.9	1078	1105	1090	0.85	4.61
16×4	0.7	0.20	2×0.2	1.7	24.9	1210	1238	1223	0.85	4.61
18×4	0.7	0.20	2×0.2	1.7	25.5	1304	1333	1317	0.85	4.61
4×6	0.7	0.20	2×0.2	1.5	17.4	556	573	564	0.7	3.08
5×6	0.7	0.20	2×0.2	1.5	18.6	641	660	649	0.7	3.08
7×6	0.7	0.20	2×0.2	1.7	20.3	811	833	821	0.7	3.08
8×6	0.7	0.20	2×0.2	1.7	22.1	917	941	928	0.7	3.08
10×6	0.7	0.20	2×0.2	1.7	24.4	1093	1121	1106	0.7	3.08
12×6	0.7	0.20	2×0.2	1.7	25.1	1234	1263	1247	0.7	3.08
14×6	0.7	0.25	2×0.2	1.7	26.3	1394	1424	1407	0.7	3.08
3×10	0.7	0.20	2×0.2	1.7	19.6	712	733	722	0.65	1.83
4×10	0.7	0.20	2×0.2	1.7	21.0	854	877	865	0.65	1.83
5×10	0.7	0.20	2×0.2	1.7	22.5	1021	1046	1032	0.65	1.83
7×10	0.7	0.20	2×0.2	1.7	24.1	1187	1214	1199	0.65	1.83
8×10	0.7	0.20	2×0.2	1.7	26.6	1344	1375	1357	0.65	1.83
10×10	0.7	0.25	2×0.2	2.0	30.8	1672	1710	1690	0.65	1.83