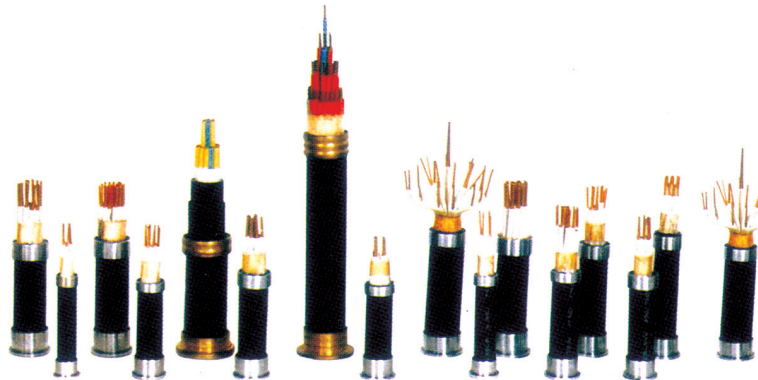


控制电缆 Control cable



※ 产品简介 Brief product introduction

额定电压450/750V聚氯乙烯控制电缆和450/750V交联聚乙烯控制电缆分别用于450/750V和450/750V及以下控制、监控制回路及保护线等场所。聚氯乙烯控制电缆的工作温度为70℃，交联聚乙烯控制电缆的工作温度为90℃。电缆的型号、名称和使用范围见表1。

本公司在额定电压450/750V聚氯乙烯绝缘和护套控制电缆的基础上开发了450/750V交联聚乙烯绝缘控制电缆、阻燃型PVC/XLPE绝缘控制电缆和耐火型PVC/XLPE绝缘控制电缆。450/750V聚氯乙烯绝缘控制电缆符合GB9330-88的规定。450/750V交联聚乙烯绝缘控制电缆符合IEC60502.1的有关规定。阻燃型和耐火型控制电缆其电气性能符合GB9330-88《塑料绝缘控制电缆》，阻燃性能根据要求可符合GB/T18380.3《成束电线或电缆的燃烧试验方法》中的A、B或C类，耐火性能根据要求可符合GB12666.6-90《电线电缆耐火特性试验方法》中的A或B类。

The rated voltages 450/750V PVC and 450/750V XLPE control cables are used for the controlling, return circuit and protecting facilities for the rated voltages 450/750V and 450/750V separately. The working temperature of PVC and XLPE control cables are 70℃ and 90℃ separately. Type, description and main applications of cable see table.

Our company developed 450/750V XLPE insulated control cable based on PVC insulated and sheathed control cable for rated voltage 450/750V PVC. The flame retardant and fire resistant PVC/XLPE insulated control cable and 450/750V PVC insulated control cable are in accordance with the GB9330-88. 450/750V XLPE insulated control cable meets the related criteria of IEC60502.1. The electrical properties of flame retardant and fire resistant control cables are in accordance with GB9330-88 *Plastic insulated control cable*. The property of flame retardant meets the requirements of class A, B or C of GB/T18380.3 Test on bunched wires or cable correspondingly. The property of fire resistant meets the class A or B requirements of the GB12666.6-90 *Test on fire resisting characteristics of wire or cable*.

表1 电缆的型、名称和用途 Table1 Type, Description and Application of cable

型号 Type	名称 Designation	使用范围 Main applications
KVV ZR-KVV GZR-KVV NH-KVV KVVR ZR-KVVR	耐火、阻燃及普通型聚氯乙烯绝缘聚氯乙烯护套控制电缆 Fire-resistant, flame-retardant or ordinary PVC insulated and PVC sheathed control cable.	敷设在室内、电缆沟、管道内及地下 For laying indoors, in trenches, in ducts and in ground
KVV22 ZR-KVV22 GZR-KVV22 NH-KVV22	耐火、阻燃及普通型聚氯乙烯绝缘聚氯乙烯护套钢带铠装控制电缆 Fire-resistant, flame-retardant or ordinary PVC insulated and PVC sheathed, steel tape armored control cable.	敷设在室内、电缆沟、管道内及地下, 电缆能承受机械外力作用 For laying indoors, in trenches, in ducts and in ground, able to bear external mechanical forces.
KVVP KVVP2 ZR-KVVP ZR-KVVP2 KVVRP ZR-KVVRP	阻燃及普通型聚氯乙烯绝缘聚氯乙烯护套铜带(铜丝编织)屏蔽控制电缆 Flame-retardant or ordinary PVC insulated, PVC sheathed, control cable.	敷设在室内、电缆沟、管道内及地下, 电缆具有防干扰能力 For laying indoors, in trenches, in ducts and in ground, with anti-interference ability
KYJV ZR-KYJV GZR-KYJV NH-KYJV	耐火、阻燃及普通型交联聚乙烯绝缘聚氯乙烯护套控制电缆 Flame-retardant, flame-retardant or ordinary XLPE insulated, PVC sheathed control cable.	敷设在室内、电缆沟、管道内及地下, For laying indoors, in trenches, in ducts and in ground
KYJV22 ZR-KYJV22 GZR-KYJV22 NH-KYJV22	耐火、阻燃及普通型交联聚乙烯绝缘聚氯乙烯护套钢带铠装控制电缆 Fire-resistant, flame-retardant or ordinary XLPE insulated, PVC sheathed and steel tape armored control cable	敷设在室内、电缆沟、管道内及地下, 电缆能承受机械外力作用 For laying indoors, in trenches, in ducts and in ground, able to bear external mechanical forces.
KVVP2-22 KVVP22	铜芯聚氯乙烯绝缘聚氯乙烯护套铜带-钢带铠装双屏蔽控制电缆 Copper-core PVC insulated, PVC sheathed copper tape and steel tape armored double-shield control cable	用于弱电控制系统或强电磁场干扰区 Be applicable for weak electricity control system and strong electromagnetic field jamming area

注: ZR-阻燃 G-隔氧层 NH-耐火
Note: ZR-flame retardant G-Oxygen barrier NH-fire resistant

※ 生产范围 Range of production

表2 产品制造规格及范围 Table2 Product manufacture specifications and range

型号 Type	芯数 No. of cores	标称截面 Nominal cross sectional of area(mm ²)
KVV ZR-KVV GZR-KVV NH-KVV KVV22 ZR-KVV22 GZR-KVV22 NH-KVV22 KVVP KVVP2 KVVR KVVP22 KVVP2-22	2 3 4 5 7 8	
ZR-KVVP ZR-KVVP2 ZR-KVVR KVVRP ZR-KVVRP	10 12 14 16 19 24 27 30 37 44	0.75 1.0 1.5 2.5 4 6 10
KYJV ZR-KYJV GZR-KYJV NH-KYJV KYJV22 ZR-KYJV22 GZR-KYJV22 NH-KYJV22	48 52 61	

※ 塑料绝缘控制电缆结构尺寸 Dimensions size of plastic insulated control cables

见表3表11 See table 3 to table 11

表3 表电缆的绝缘厚度 Table3 Insulation thickness

标称截面 Nominal Cross-sectional area of conductor (mm ²)	0.75	1.0	1.5	2.5	4	6	10
绝缘材料 Insulation material	绝缘厚度 Insulation thickness (mm)						
PVC	0.6	0.6	0.7	0.8	0.8	0.8	1.0
XLPE	0.6	0.6	0.7	0.7	0.7	0.7	0.7

表4 KVV 型聚氯乙烯绝缘聚氯乙烯护套控制电缆

Table4 PVC insulated PVC sheathed control cable of KVV type

芯数 Number of cores	标称截面 Nominal cross-sectional area of conductor (mm ²)													
	护套厚度 Sheath thickness (mm)						电缆近似外径 Approx cable overall diameter mm							
	0.75		1.0		1.5		2.5		4.0		6.0		10	
2	1.2	7.3	1.2	7.7	1.2	8.5	1.2	9.7	1.2	10.7	1.2	11.7	1.5	15.6
3	1.2	7.6	1.2	8.0	1.2	9.0	1.2	10.3	1.2	11.3	1.5	13.0	1.5	16.5
4	1.2	8.2	1.2	8.6	1.2	9.7	1.2	11.0	1.5	12.9	1.5	14.1	1.5	18.1
5	1.2	8.9	1.2	9.3	1.2	10.5	1.5	12.7	1.5	14.0	1.5	15.4	1.7	20.2
7	1.2	9.5	1.2	10.0	1.2	11.3	1.5	13.7	1.5	15.2	1.5	16.7	1.7	22.0
8	1.2	10.2	1.2	10.7	1.5	12.7	1.5	14.7	1.5	16.3	1.7	18.4	1.7	23.7
10	1.2	11.7	1.5	13.0	1.5	14.7	1.5	17.1	1.7	19.4	1.7	21.0	-	-
12	1.5	12.0	1.5	13.3	1.5	15.1	1.5	17.6	1.7	20.1	-	-	-	-
14	1.5	13.2	1.5	13.9	1.5	15.8	1.5	18.5	1.7	21.0	-	-	-	-
16	1.5	13.8	1.5	14.6	1.5	16.6	1.7	19.8	-	-	-	-	-	-
19	1.5	14.5	1.5	15.3	1.5	17.5	1.7	20.9	-	-	-	-	-	-
24	1.5	16.6	1.5	17.6	1.7	20.6	1.7	24.2	-	-	-	-	-	-
27	1.5	17.0	1.5	18.0	1.7	21.0	1.7	24.7	-	-	-	-	-	-
30	1.5	17.5	1.7	19.0	1.7	21.8	1.7	25.6	-	-	-	-	-	-
37	1.7	19.2	1.7	20.3	1.7	23.4	1.7	27.6	-	-	-	-	-	-
44	1.7	21.4	1.7	22.5	1.7	26.2	2.0	31.6	-	-	-	-	-	-
48	1.7	21.9	1.7	23.2	1.7	26.9	2.0	32.2	-	-	-	-	-	-
52	1.7	22.5	1.7	24.0	1.7	27.8	2.0	33.0	-	-	-	-	-	-
61	1.7	23.7	1.7	25.2	2.0	29.4	2.2	35.2	-	-	-	-	-	-

表5 KVV22型聚氯乙烯绝缘钢带铠装聚氯乙烯护套控制电缆
Table5 PVC insulated steel tape armoured PVC sheathed control cable of KVV22 type

芯数 Number of cores	标称截面 Nominal cross-sectional area of conductor (mm ²)													
	护套厚度 Sheath thickness (mm)						电缆近似外径 Approx cable overall diameter mm							
	0.75		1.0		1.5		2.5		4.0		6.0		10	
4	-	-	-	-	1.5	13.5	1.5	14.9	1.5	16.1	1.5	17.3	1.7	21.7
5	-	-	-	-	1.5	14.3	1.5	15.9	1.5	17.2	1.7	19.0	1.7	23.4
7	1.5	13.3	1.5	13.8	1.5	15.1	1.5	16.9	1.5	18.4	1.7	20.3	1.7	25.2
8	1.5	14.0	1.5	14.5	1.5	16.0	1.5	17.9	1.7	19.9	1.7	21.6	1.7	27.0
10	1.5	15.5	1.5	16.1	1.5	17.9	1.7	20.7	1.7	22.6	1.7	24.6	-	-
12	1.5	15.8	1.5	16.5	1.5	18.3	1.7	21.2	1.7	23.3	-	-	-	-
14	1.5	16.4	1.5	17.1	1.7	19.4	1.7	22.1	1.7	24.2	-	-	-	-
16	1.5	17.0	1.5	17.8	1.7	20.2	1.7	23.0	-	-	-	-	-	-
19	1.5	18.1	1.7	18.9	1.7	21.1	1.7	24.1	-	-	-	-	-	-
24	1.7	20.2	1.7	21.1	1.7	23.8	1.7	27.4	-	-	-	-	-	-
27	1.7	20.6	1.7	21.5	1.7	24.2	1.7	27.9	-	-	-	-	-	-
30	1.7	21.1	1.7	22.1	1.7	25.0	1.7	28.8	-	-	-	-	-	-
37	1.7	22.4	1.7	23.5	1.7	26.6	2.0	32.6	-	-	-	-	-	-
44	1.7	24.6	1.7	25.8	2.0	30.0	2.2	36.4	-	-	-	-	-	-
48	1.7	25.1	1.7	26.4	2.0	30.3	2.2	37.0	-	-	-	-	-	-
52	1.7	25.7	1.7	27.0	2.0	31.2	2.2	37.8	-	-	-	-	-	-
61	1.7	26.9	1.7	28.6	2.0	32.8	2.2	40.0	-	-	-	-	-	-

表6 KYJV型聚氯乙烯绝缘聚氯乙烯护套控制电缆
Table6 XLPE insulated PVC sheathed control cable of KYJV type

芯数 Number of cores	标称截面 Nominal cross-sectional area of conductor (mm ²)													
	护套厚度 Sheath thickness (mm)						电缆近似外径 Approx cable overall diameter (mm)							
	0.75		1.0		1.5		2.5		4.0		6.0		10	
2	1.2	7.3	1.2	7.7	1.2	8.5	1.2	9.7	1.2	10.7	1.2	11.7	1.5	15.6
3	1.2	7.6	1.2	8.0	1.2	9.0	1.2	10.3	1.2	11.3	1.5	13.0	1.5	16.5
4	1.2	8.2	1.2	8.6	1.2	9.7	1.2	11.0	1.5	12.9	1.5	14.1	1.5	18.1
5	1.2	8.9	1.2	9.3	1.2	10.5	1.5	12.7	1.5	14.0	1.5	15.4	1.7	20.2
7	1.2	9.5	1.2	10.0	1.2	11.3	1.5	13.7	1.5	15.2	1.5	16.7	1.7	22.0
8	1.2	10.2	1.2	10.7	1.5	12.7	1.5	14.7	1.5	16.3	1.7	18.4	1.7	23.7
10	1.2	11.7	1.5	13.0	1.5	14.7	1.5	17.1	1.7	19.4	1.7	21.0	1.8	25.8
12	1.5	12.0	1.5	13.3	1.5	15.1	1.5	17.6	1.7	20.1	1.8	21.5	-	-
14	1.5	13.2	1.5	13.9	1.5	15.8	1.5	18.5	1.7	21.0	1.8	22.5	-	-
16	1.5	13.8	1.5	14.6	1.5	16.6	1.7	19.8	-	-	-	-	-	-
19	1.5	14.5	1.5	15.3	1.5	17.5	1.7	20.9	-	-	-	-	-	-
24	1.5	16.6	1.5	17.6	1.7	20.6	1.7	24.2	-	-	-	-	-	-
27	1.5	17.0	1.5	18.0	1.7	21.0	1.7	24.7	-	-	-	-	-	-
30	1.5	17.5	1.7	19.0	1.7	21.8	1.7	25.6	-	-	-	-	-	-
37	1.7	19.2	1.7	20.3	1.7	23.4	1.7	27.6	-	-	-	-	-	-
44	1.7	21.4	1.7	22.5	1.7	26.2	2.0	31.6	-	-	-	-	-	-
48	1.7	21.9	1.7	23.2	1.7	26.9	2.0	32.2	-	-	-	-	-	-
52	1.7	22.5	1.7	24.0	1.7	27.8	2.0	33.0	-	-	-	-	-	-
61	1.7	23.7	1.7	25.2	2.0	29.4	2.2	35.2	-	-	-	-	-	-

表7 KYJV22 型交联聚乙烯绝缘钢带铠装聚氯乙烯护套控制电缆
Table7 XLPE insulated steel tape armoured PVC sheathed control cable of KYJV22 type

芯数 Number of cores	标称截面 Nominal cross-sectional area of conductor (mm ²)													
	护套厚度 Sheath thickness (mm)						电缆近似外径 Approx cable overall diameter (mm)							
	0.75		1.0		1.5		2.5		4.0		6.0		10	
4	-	-	-	-	1.5	13.5	1.5	14.9	1.5	16.1	1.5	17.3	1.7	21.7
5	-	-	-	-	1.5	14.3	1.5	15.9	1.5	17.2	1.7	19.0	1.7	23.4
7	1.5	13.3	1.5	13.8	1.5	15.1	1.5	16.9	1.5	18.4	1.7	20.3	1.7	25.2
8	1.5	14.0	1.5	14.5	1.5	16.0	1.5	17.9	1.7	19.9	1.7	21.6	1.7	27.0
10	1.5	15.5	1.5	16.1	1.5	17.9	1.7	20.7	1.7	22.6	1.7	24.6	1.9	29.2
12	1.5	15.8	1.5	16.5	1.5	18.3	1.7	21.2	1.7	23.3	1.8	24.7	-	-
14	1.5	16.4	1.5	17.1	1.7	19.4	1.7	22.1	1.7	24.2	1.8	25.7	-	-
16	1.5	17.0	1.5	17.8	1.7	20.2	1.7	23.0	-	-	-	-	-	-
19	1.5	18.1	1.7	18.9	1.7	21.1	1.7	24.1	-	-	-	-	-	-
24	1.7	20.2	1.7	21.1	1.7	23.8	1.7	27.4	-	-	-	-	-	-
27	1.7	20.6	1.7	21.5	1.7	24.2	1.7	27.9	-	-	-	-	-	-
30	1.7	21.1	1.7	22.1	1.7	25.0	1.7	28.8	-	-	-	-	-	-
37	1.7	22.4	1.7	23.5	1.7	26.6	2.0	32.6	-	-	-	-	-	-
44	1.7	24.6	1.7	25.8	2.0	30.0	2.2	36.4	-	-	-	-	-	-
48	1.7	25.1	1.7	26.4	2.0	30.3	2.2	37.0	-	-	-	-	-	-
52	1.7	25.7	1.7	27.0	2.0	31.2	2.2	37.8	-	-	-	-	-	-
61	1.7	26.9	1.7	28.6	2.0	32.8	2.2	40.0	-	-	-	-	-	-

表8 KVVP 型聚氯乙烯绝缘聚氯乙烯护套铜丝屏蔽控制电缆
Table8 PVC insulated PVC sheathed copper-wire shield control cable of KVVP type

芯数 Number of cores	标称截面 Nominal cross-sectional area of conductor (mm ²)													
	护套厚度 Sheath thickness (mm)						电缆近似外径 Approx cable overall diameter (mm)							
	0.75		1.0		1.5		2.5		4.0		6.0		10	
2	1.2	9.3	1.2	9.7	1.2	10.6	1.2	11.8	1.5	13.3	1.5	14.3	1.5	17.6
3	1.2	9.7	1.2	10.0	1.2	11.0	1.2	12.3	1.5	13.9	1.5	15.0	1.5	18.6
4	1.2	10.3	1.2	10.6	1.2	11.7	1.5	13.8	1.5	14.9	1.5	16.2	1.7	20.5
5	1.2	10.9	1.2	11.3	1.2	12.5	1.5	14.7	1.5	16.0	1.5	17.4	1.7	22.4
7	1.2	11.5	1.2	12.0	1.5	13.9	1.5	15.4	1.5	17.2	1.5	18.7	1.7	24.0
8	1.2	12.5	1.5	13.6	1.5	15.2	1.5	17.3	1.7	19.3	1.7	21.0	1.7	26.7
10	1.5	14.3	1.5	14.9	1.5	16.7	1.5	19.1	1.7	21.4	1.7	23.4	1.7	30.0
12	1.5	14.6	1.5	15.3	1.5	17.2	1.7	20.1	1.7	22.0	1.7	24.1	-	-
14	1.5	15.2	1.5	15.9	1.5	17.9	1.7	20.9	1.7	23.0	1.7	25.2	-	-
16	1.5	15.8	1.5	16.6	1.5	18.7	1.7	21.9	-	-	-	-	-	-
19	1.5	16.5	1.5	17.3	1.7	19.9	1.7	22.9	-	-	-	-	-	-
24	1.5	18.6	1.7	20.0	1.7	22.7	1.7	26.3	-	-	-	-	-	-
27	1.5	18.9	1.7	20.3	1.7	23.1	1.7	26.8	-	-	-	-	-	-
30	1.7	19.9	1.7	20.9	1.7	23.8	1.7	27.7	-	-	-	-	-	-
37	1.7	21.2	1.7	22.3	1.7	25.5	2.0	29.9	-	-	-	-	-	-
44	1.7	23.4	1.7	24.6	1.7	28.2	2.0	33.6	-	-	-	-	-	-
48	1.7	23.7	1.7	25.0	1.7	28.7	2.0	34.1	-	-	-	-	-	-
52	1.7	24.2	1.7	25.6	2.0	30.0	2.2	35.4	-	-	-	-	-	-
61	1.7	25.5	1.7	27.0	2.0	31.6	2.2	37.4	-	-	-	-	-	-

表9 KVVP2型聚氯乙烯绝缘聚氯乙烯护套铜带屏蔽控制电缆
Table9 PVC insulated PVC sheathed copper-hand shield control cable of KVVP2 type

芯数 Number of cores	标称截面 Nominal cross-sectional area of conductor (mm ²)													
	护套厚度 Sheath thickness (mm)						电缆近似外径 Approx cable overall diameter (mm)							
	0.75		1.0		1.5		2.5		4.0		6.0		10	
2	1.2	8.8	1.2	9.2	1.2	10.1	1.2	11.3	1.2	12.2	1.2	13.2	1.5	17.1
3	1.2	9.2	1.2	9.5	1.2	10.5	1.2	11.8	1.2	12.8	1.5	14.5	1.5	18.1
4	1.2	9.8	1.2	10.1	1.2	11.2	1.5	13.3	1.5	14.4	1.5	15.7	1.7	20.0
5	1.2	10.4	1.2	10.8	1.5	12.6	1.5	14.2	1.5	15.5	1.5	16.9	1.7	21.7
7	1.2	11.0	1.2	11.5	1.5	13.4	1.5	14.9	1.5	16.7	1.5	18.2	1.7	23.5
8	1.5	12.6	1.5	13.1	1.5	14.7	1.5	16.8	1.7	18.9	1.7	20.5	1.7	26.2
10	1.5	13.8	1.5	14.4	1.5	16.2	1.7	19.0	1.7	20.9	1.7	22.9	1.7	29.5
12	1.5	14.1	1.5	14.8	1.5	16.7	1.7	19.6	1.7	21.5	1.7	23.6	-	-
14	1.5	14.7	1.5	15.4	1.5	17.4	1.7	20.4	1.7	22.5	1.7	24.7	-	-
16	1.5	15.3	1.5	16.1	1.5	18.2	1.7	21.4	-	-	-	-	-	-
19	1.5	16.0	1.5	16.8	1.7	19.4	1.7	22.4	-	-	-	-	-	-
24	1.5	18.1	1.7	19.5	1.7	22.2	1.7	25.8	-	-	-	-	-	-
27	1.7	18.8	1.7	19.8	1.7	22.6	1.7	26.3	-	-	-	-	-	-
30	1.7	19.4	1.7	20.4	1.7	23.3	1.7	27.2	-	-	-	-	-	-
37	1.7	20.7	1.7	21.8	1.7	25.0	2.0	29.4	-	-	-	-	-	-
44	1.7	22.9	1.7	24.1	1.7	27.7	2.0	33.1	-	-	-	-	-	-
48	1.7	23.2	1.7	24.5	1.7	28.4	2.0	33.6	-	-	-	-	-	-
52	1.7	23.7	1.7	25.1	2.0	28.9	2.2	34.9	-	-	-	-	-	-
61	1.7	25.0	1.7	26.5	2.0	31.1	2.2	36.9	-	-	-	-	-	-

表10 KVVP22型聚氯乙烯绝缘聚氯乙烯护套铜丝屏蔽铜带铠装控制电缆
Table10 PVC insulated PVC sheathed copper-wire shield steel tape armoured control cable of KVVP22 type

芯数 Number of cores	标称截面 Nominal cross-sectional area of conductor (mm ²)													
	护套厚度 Sheath thickness (mm)						电缆近似外径 Approx cable overall diameter (mm)							
	0.75		1.0		1.5		2.5		4.0		6.0		10	
2	1.8	12.3	1.8	12.7	1.8	13.6	1.8	14.8	1.8	15.7	1.8	16.7	1.8	20.0
3	1.8	12.7	1.8	13.0	1.8	14.0	1.8	15.3	1.8	16.3	1.8	17.4	1.8	21.0
4	1.8	13.3	1.8	13.6	1.8	14.7	1.8	16.2	1.8	17.3	1.8	18.6	1.8	22.5
5	1.8	13.9	1.8	14.3	1.8	15.5	1.8	17.1	1.8	18.4	1.8	19.8	1.8	24.2
7	1.8	14.5	1.8	15.0	1.8	16.3	1.8	17.8	1.8	19.6	1.8	21.1	1.8	26.0
8	1.8	15.5	1.8	16.0	1.8	17.6	1.8	19.7	1.8	21.3	1.8	23.0	1.8	28.7
10	1.8	16.7	1.8	17.3	1.8	19.1	1.8	21.5	1.8	23.4	1.8	25.4	1.9	33.4
12	1.8	17.0	1.8	17.7	1.8	19.6	1.8	22.1	1.8	24.0	1.8	26.1	-	-
14	1.8	17.6	1.8	18.3	1.8	20.3	1.8	22.9	1.8	25.0	1.8	27.2	-	-
16	1.8	18.2	1.8	19.0	1.8	21.1	1.8	23.9	-	-	-	-	-	-
19	1.8	18.9	1.8	19.7	1.8	21.9	1.8	24.9	-	-	-	-	-	-
24	1.8	21.0	1.8	22.0	1.8	24.7	1.8	28.3	-	-	-	-	-	-
27	1.8	21.3	1.8	22.3	1.8	25.1	1.9	29.0	-	-	-	-	-	-
30	1.8	21.9	1.8	22.9	1.8	25.8	2.0	31.3	-	-	-	-	-	-
37	1.8	23.2	1.8	24.3	1.8	27.5	2.0	33.3	-	-	-	-	-	-
44	1.8	25.4	1.8	26.6	2.0	31.8	2.1	36.8	-	-	-	-	-	-
48	1.8	25.7	1.9	27.2	2.0	32.3	2.1	37.3	-	-	-	-	-	-
52	1.8	26.2	1.9	27.8	2.0	33.0	2.1	38.2	-	-	-	-	-	-
61	1.9	27.7	2.0	29.4	2.1	34.8	2.2	40.6	-	-	-	-	-	-

表11 KVVVP2-22聚氯乙烯绝缘聚氯乙烯护套铜带屏蔽钢带铠装控制电缆
Table11 PVC insulated PVC sheathed copper-hand shield steel tape armoured control cable of KVVVP2-22 type

芯数 Number of cores	标称截面 Nominal cross-sectional area of conductor (mm ²)													
	护套厚度 Sheath thickness (mm)						电缆近似外径 Approx cable overall diameter (mm)							
	0.75		1.0		1.5		2.5		4.0		6.0		10	
2	1.8	12.3	1.8	12.7	1.8	13.6	1.8	14.8	1.8	15.7	1.8	16.7	1.8	20.0
3	1.8	12.7	1.8	13.0	1.8	14.0	1.8	15.3	1.8	16.3	1.8	17.4	1.8	21.0
4	1.8	13.3	1.8	13.6	1.8	14.7	1.8	16.2	1.8	17.3	1.8	18.6	1.8	22.5
5	1.8	13.9	1.8	14.3	1.8	15.5	1.8	17.1	1.8	18.4	1.8	19.8	1.8	24.2
7	1.8	14.5	1.8	15.0	1.8	16.3	1.8	17.8	1.8	19.6	1.8	21.1	1.8	26.0
8	1.8	15.5	1.8	16.0	1.8	17.6	1.8	19.7	1.8	21.3	1.8	23.0	1.9	28.9
10	1.8	16.7	1.8	17.3	1.8	19.1	1.8	21.5	1.8	23.4	1.8	25.4	2.0	33.6
12	1.8	17.0	1.8	17.7	1.8	19.6	1.8	22.1	1.8	24.0	1.8	26.1	-	-
14	1.8	17.6	1.8	18.3	1.8	20.3	1.8	22.9	1.8	25.0	1.8	27.2	-	-
16	1.8	18.2	1.8	19.0	1.8	21.1	1.8	23.9	-	-	-	-	-	-
19	1.8	18.9	1.8	19.7	1.8	21.9	1.8	24.9	-	-	-	-	-	-
24	1.8	21.0	1.8	22.0	1.8	24.7	1.9	28.5	-	-	-	-	-	-
27	1.8	21.3	1.8	22.3	1.8	25.1	1.9	29.0	-	-	-	-	-	-
30	1.8	21.9	1.8	22.9	1.8	25.8	2.0	31.3	-	-	-	-	-	-
37	1.8	23.2	1.8	24.3	1.8	27.5	2.0	33.3	-	-	-	-	-	-
44	1.8	25.4	1.8	26.6	2.0	31.8	2.1	36.8	-	-	-	-	-	-
48	1.8	25.7	1.8	27.0	2.0	32.3	2.2	37.5	-	-	-	-	-	-
52	1.8	26.2	1.8	27.6	2.0	33.0	2.2	38.4	-	-	-	-	-	-
61	1.8	27.5	1.9	29.2	2.1	34.8	2.3	40.8	-	-	-	-	-	-

※ 使用特性 Application features

① 控制电缆的额定电压 U_0/U 为450/750V。

The rated voltage U_0/U of control cable is 450/750V.

② 聚氯乙烯绝缘的电缆导体的长期允许工作温度为70℃，交联聚乙烯绝缘的电缆导体的长期允许工作温度为90℃。

The permitted temperature of continuous working of PVC insulated cable conductor shall not exceed 70℃, and 90℃ for XLPE insulated cable.

③ 电缆的敷设温度应不低于0℃，推荐的允许弯曲半径：

无铠装层的电缆及有屏蔽层结构的软电缆应不小于电缆外径的6倍；有铠装或铜带屏蔽结构的电缆，应不小于电缆外径的12倍。

The laying temperature shall not exceed 0℃. The recommended curving radius of cable:

Should not be vent to a radius smaller than 6 times(un-armoured or shield soft cable) and 12 times(armoured or copper shield cable) the outer diameter.

※ 交货长度 Delivery length

产品交货长度按双方协商规定，计量误差允许不超过±0.5%。

Delivery length is decided by the Seller and buyer with length error allowance of no more than ±0.5%