

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

产品用途

本产品适用于交流额定电压450/750V及以下自动控制或监测系统，电器仪表连接等场合用运输线。

产品执行标准

GB/T 9330-2008

使用特性

- 1、额定电压 U_0/U 为450/750V；
- 2、电缆导体的长期允许工作温度为90℃；
- 3、电缆安装敷设温度应不低于0℃
- 4、电缆允许弯曲半径：无铠装层的电缆，应不小于电缆外径的8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；

Application

This product is applied for transmission line in automatic control or monitoring system, electrical instrument connection and other occasions of rated voltage up to and including ac 450/750V.

Executive standard

GB/T 9330-2008

Service property

1. The rated voltage U_0/U of the cable should be 450/750V.
2. Allowed long-term operating temperature of cable conductor should be 90℃.
3. Cable laying temperature should be not less than 0℃.
4. Recommended allowable bending radius: For non-armored cable should be not less than 8 times outer diameter of the cable; For armored or copper tape shielded structure cable should be not less than 12 times outer diameter of the cable.

基本型号及名称 Type and description

型号 Type	名称 Description
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	交联聚乙烯绝缘聚氯乙烯护套铜丝编织屏蔽控制电缆 XLPE insulated PVC sheathed copper wire braided shielded control cable
KYJVP2	交联聚乙烯绝缘聚氯乙烯护套铜带屏蔽控制电缆 XLPE insulated PVC sheathed copper tape shielded control cable
KYJVP3	交联聚乙烯绝缘聚氯乙烯护套铝塑复合带屏蔽控制电缆 XLPE insulated PVC sheathed aluminum polyester composite film wrapped shielded control cable
KYJV22	交联聚乙烯绝缘聚氯乙烯护套钢带铠装控制电缆 XLPE insulated PVC sheathed steel tape armored control cable
KYJVP2-22	交联聚乙烯绝缘聚氯乙烯护套铜带屏蔽钢带铠装控制电缆 XLPE insulated PVC sheathed copper tape shielded steel tape armored control cable
KYJV32	交联聚乙烯绝缘聚氯乙烯护套细钢丝铠装控制电缆 XLPE insulated PVC sheathed thin steel wire armored control cable
KYJY	交联聚乙烯绝缘聚烯烃护套控制电缆 XLPE insulated polyolefin sheathed control cable
KYJYP	交联聚乙烯绝缘聚烯烃护套铜丝编织屏蔽控制电缆 XLPE insulated polyolefin sheathed copper wire braided shielded control cable
KYJEP2	交联聚乙烯绝缘聚烯烃护套铜带屏蔽控制电缆 XLPE insulated polyolefin sheathed copper tape shielded control cable
KYJYP3	交联聚乙烯绝缘聚烯烃护套铝塑复合带屏蔽控制电缆 XLPE insulated polyolefin sheathed aluminum polyester composite film wrapped shielded control cable
KYJY23	交联聚乙烯绝缘聚烯烃护套钢带铠装控制电缆 XLPE insulated polyolefin sheathed steel tape armored control cable
KYJYP2-23	交联聚乙烯绝缘聚烯烃护套铜带屏蔽钢带铠装控制电缆 XLPE insulated polyolefin sheathed copper tape shielded steel tape armored control cable
KYJY33	交联聚乙烯绝缘聚烯烃护套细钢丝铠装控制电缆 XLPE insulated polyolefin sheathed thin steel wire armored control cable



代号名称和含义 Code and meaning

Table with columns: 项目 Item, 代号 Code, 说明 Description. Rows include: 系列代号 Series coding, 燃烧特性 Burning characteristic, 导体 Conductor, 绝缘 Insulation, 护套或内护套 Sheath or inner sheath, 屏蔽 Shield, 铠装 Armor, 外护套 Outer sheath.

Main technical index
1. Conductor d.c. resistance at 20 °C complies with stipulations of GB/T3956.
2. Insulation resistance constant should be not less than 1500M Ω.km.
3. Cable withstand ac 3.0kV for 5 minutes without puncture.

基本电缆规格和结构参数 Cable specification and structural parameter

Table with columns: 线芯×标称截面 Number of cores x nominal cross section area (mm²), 电芯参考外径(mm) Cable reference diameter, 电芯参考重量(kg/km) Cable reference weight. Rows include: 2x0.75, 2x1.0, 2x1.5, 2x2.5, 2x4, 2x6, 3x0.75, 3x1.0, 3x1.5.

续上表Continued

Continuation of the cable specification table with columns: 线芯×标称截面, 电芯参考外径(mm), 电芯参考重量(kg/km). Rows include: 3x2.5, 3x4, 3x6, 4x0.75, 4x1.0, 4x1.5, 4x2.5, 4x4, 4x6, 5x0.75, 5x1.0, 5x1.5, 5x2.5, 5x4, 5x6, 7x0.75, 7x1.0, 7x1.5, 7x2.5, 7x4, 7x6, 8x0.75, 8x1.0, 8x1.5, 8x2.5, 8x4, 8x6, 10x0.75, 10x1.0, 10x1.5, 10x2.5, 10x4, 10x6, 12x0.75, 12x1.0, 12x1.5.

第二章 控制电缆

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续上表Continued

Continuation of the cable specification table with columns: 线芯×标称截面, 电芯参考外径(mm), 电芯参考重量(kg/km). Rows include: 12x2.5, 12x4, 12x6, 14x0.75, 14x1.0, 14x1.5, 14x2.5, 14x4, 14x6, 16x0.75, 16x1.0, 16x1.5, 16x2.5, 18x0.75, 18x1.0, 18x1.5, 18x2.5, 19x0.75, 19x1.0, 19x1.5, 19x2.5, 24x0.75, 24x1.0, 24x1.5, 24x2.5, 27x0.75, 27x1.0, 27x1.5, 27x2.5, 30x0.75, 30x1.0, 30x1.5, 30x2.5, 37x0.75, 37x1.0, 37x1.5, 37x2.5, 44x0.75, 44x1.0, 44x1.5.

续上表Continued

Continuation of the cable specification table with columns: 线芯×标称截面, 电芯参考外径(mm), 电芯参考重量(kg/km). Rows include: 44x2.5, 48x0.75, 48x1.0, 48x1.5, 48x2.5, 52x0.75, 52x1.0, 52x1.5, 52x2.5, 61x0.75, 61x1.0, 61x1.5, 61x2.5.

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