

电机绕组引接软电缆和软线 Flexible Cables And Cords For the Connection Of Motor Winding

1 产品标准 Standard

本产品按机械部标准JB/T 6213-2006生产,各项指标均符合标准要求。

The product conforms to the Department of Mechanical standard JB / T 6213-2006 production, all the technical specifications are in line with the standards.

2 适用范围 Scope of Application

本产品适用于与电机绕组连接的不可拆型软电缆和软线, 其另一端与电机壳体的接线柱根连接, 或直接引出到机壳外。

This product can be used as unremovable flexible cables and cords connected to the motor windings, the other end of the cable or cord connect to the motor terminal inside motor enclosure or leads directly outside of the motor enclosure

3 产品特点 Features of the product

该产品主要用于二相、三相电机系统, 适用于交流额定电压500~3000V直接永久地与电机绕组连接并引出壳或绕组与电机壳体上的连接柱连接。聚氯乙烯和丁腈复合物导体连续运行最高工作温度为70°C, 三元乙丙混合胶导体连续运行最高工作温度为90°C。

The product is mainly used for two-phase, three-phase motor system, can be used in AC 500V ~ 3000V directly and permanently earthed, can be connected with the motor windings, leads outside of the motor enclosure .It can also be connected between the motor winding and the terminal in the motor enclosure. the continuous maximum continuous operating temperature of the PVC and nitrile complexes conductor is 70°C . the maximum operating temperature of EPDM hybrid rubber conductor is 90°C.

4 使用特性 Operation Characteristics

工频额定电压U₀分别为500V、1000V、3000V;

Power Frequency Rated Voltage U₀: 500V, 1000V, 3000V;

聚氯乙烯和丁腈复合物导体连续运行最高工作温度为70°C;三元乙丙混合胶导体连续运行最高工作温度为90°C;硅橡胶绝缘导体连续运行最高工作温度为180°C; JYJ125型电缆导体连续运行最高工作温度为125°C; JYJ150型电缆导体连续运行最高工作温度为150°C;

The maximum continuous operating temperature of the PVC and nitrile complexes conductor is 70°C; The continuous maximum operation temperature of mixed EPDM rubber conductor is 90°C; The continuous maximum operating temperature of the silicone rubber conductors is 180°C; The highest operating temperature of the JYJ125 cable is 125°C;

电缆敷设时的允许弯曲半径应不小于电缆外径的4倍;

The bending radius can be less than 4 times of the diameter of the cable;

5 电缆额定电压选择 Selection Of The Rated Voltage

基准电压,用U₀表示,单位为V。

The unit of voltage (U₀): V

U₀: 为任一绝缘导体对地之间的电压有效值,交流系统工作电压的最大允许超过值为电缆额定电压的10%

U₀: voltage between insulated conductor and ground, Maximum tolerance of the voltage in AC system is 10% of the cable rated voltage

电线电缆类

6 型号说明 Model Description

名称	Name	Code
系列代号	Series Code	J
铜导体	Copper conductor	(T)
乙丙橡胶绝缘	Ethylene propylene rubber insulation	E
聚氯乙烯绝缘	PVC insulated	V
硅橡胶绝缘	Silicone rubber insulation	G
125°C交联聚烯烃	125 °C cross-linked polyolefin	YJ125
150°C交联聚烯烃	150 °C cross-linked polyolefin	YJ150
丁腈聚氯乙烯混合物绝缘	Nitrile PVC mixture insulation	F
氯磺化聚乙烯或等效合成弹性体绝缘	Chlorosulfonated polyethylene or equivalent synthetic elastomer insulated	H
氯磺化聚乙烯或等效合成弹性体护套	Chlorosulfonated polyethylene or equivalent synthetic elastomer sheathed	H

7 电缆的型号、名称 Type and Description of Cable

电力电缆结构特性代号 Structure character code of power cable

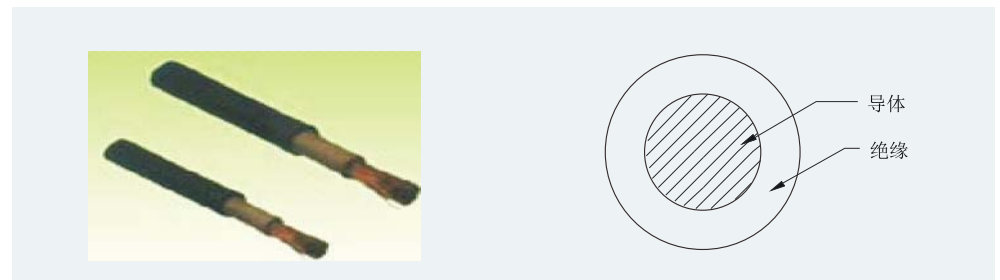
型号Type	名称	Description
JV 500V	电机用额定电压500V, 聚氯乙烯绝缘电机绕组引接电缆	Motor used 500V PVC insulated cable for the connection motor windings
JF 500V	电机用额定电压500V, 丁腈聚氯乙烯混合物绝缘电机绕组引接电缆	Motor used 500V nitrile PVC insulated cable for the connection motor windings
JE 500V	电机用额定电压500V, 乙丙橡胶绝缘电机绕组引接电缆	Motor used 500V nitrile ethylene propylene rubber insulated cable for the connection motor windings
JE 1000V	电机用额定电压1000V, 乙丙橡胶绝缘电机绕组引接电缆	Motor used 1000V nitrile ethylene propylene rubber insulated cable for the connection motor windings
JE 3000V	电机用额定电压3000V, 乙丙橡胶绝缘电机绕组引接电缆	Motor used 3000V nitrile ethylene propylene rubber insulated cable for the connection motor windings
JEH 500V	电机用额定电压500V, 乙丙橡胶绝缘氯磺化聚乙烯护套电机绕组引接电缆	Motor used 500V ethylene propylene rubber insulated, chlorosulfonated polyethylene sheathed cable for the connection motor windings
JEH 1000V	电机用额定电压1000V, 乙丙橡胶绝缘氯磺化聚乙烯护套电机绕组引接电缆	Motor used 1000V ethylene propylene rubber insulated, chlorosulfonated polyethylene sheathed cable for the connection motor windings
JEH 3000V	电机用额定电压3000V, 乙丙橡胶绝缘氯磺化聚乙烯护套电机绕组引接电缆	Motor used 3000V ethylene propylene rubber insulated, chlorosulfonated polyethylene sheathed cable for the connection motor windings
JG 500V	电机用额定电压500V, 硅橡胶绝缘电机绕组引接电缆	Motor used 500V ethylene propylene rubber insulated cable for the connection motor windings
JG 1000V	电机用额定电压1000V, 硅橡胶绝缘电机绕组引接电缆	Motor used 1000V ethylene propylene rubber insulated cable for the connection motor windings
JG 3000V	电机用额定电压3000V, 硅橡胶绝缘电机绕组引接电缆	Motor used 3000V ethylene propylene rubber insulated cable for the connection motor windings
JYJ125 500V	电机用额定电压500V, 125°C交联聚烯烃绝缘电机绕组引接电缆	Motor used 500V 125°C XLPE cable for the connection motor windings
JYJ125 1000V	电机用额定电压1000V, 125°C交联聚烯烃绝缘电机绕组引接电缆	Motor used 1000V 125°C XLPE cable for the connection motor windings
JYJ125 3000V	电机用额定电压3000V, 125°C交联聚烯烃绝缘电机绕组引接电缆	Motor used 3000V 125°C XLPE cable for the connection motor windings
JYJ150 500V	电机用额定电压500V, 150°C交联聚烯烃绝缘电机绕组引接电缆	Motor used 500V 150°C XLPE cable for the connection motor windings
JH 500V	电机用额定电压500V, 氯磺化聚乙烯绝缘引接电缆	Motor used 500V chlorosulfonated polyethylene cable for the connection motor windings
JH 1000V	电机用额定电压1000V, 氯磺化聚乙烯绝缘引接电缆	Motor used 1000V chlorosulfonated polyethylene cable for the connection motor windings
JH 3000V	电机用额定电压3000V, 氯磺化聚乙烯绝缘引接电缆	Motor used 3000V chlorosulfonated polyethylene cable for the connection motor windings

ELECTRIC WIRES & CABLE

8 产品范围 Product range

型号Type	芯数Core	电压等级V	标称截面Cross Sectionmm ²
JV、JF	单芯Single Core	500	0.12 ~ 50
		500	0.2 ~ 10
JE	单芯Single Core	1000	0.2 ~ 240
		3000	2.5 ~ 240
		500	0.2 ~ 120
JEH	单芯Single Core	1000	0.5 ~ 120
		3000	2.5 ~ 120
		500	0.2 ~ 10
JH	单芯Single Core	1000	0.2 ~ 240
		3000	2.5 ~ 240
		500	0.5 ~ 10
JG	单芯Single Core	1000	0.5 ~ 240
		3000	2.5 ~ 240
		500	0.5 ~ 120
JYJ125	单芯Single Core	1000	0.5 ~ 120
		3000	2.5 ~ 120
JYJ150	单芯Single Core	500	0.5 ~ 120

电缆结构图: Cross Section Drawings



9 交货长度、标志、包装 Cut Length ,Marking and Packaging

9.1 交货长度Cut Length of delivery

9.1.1 标称截面35mm²及以下电缆，交货长度不小于200m。

If the cross section of the cable is 35mm² or below, the cut length should more than 200M

9.1.2 标称截面35mm²以上电缆，交货长度不小于300m。

If the cross section of the cable is above 35mm², the cut length should more than 300M

9.1.3 长度的计量误差应不超过 0.5%。

The length tolerance should be 0.5%。

9.1.4 根据双方协议，允许以任何长度的产品交货。

The exact cut length should conform to the contract.

9.2 标志 Cable Marking

成品电缆(电线)的表面应有制造厂名、型号、电压等级等连续标志，标志应符合GB/T 6995的规定。

The Cable Marking shall consist of the name of manufacturer, model, the voltage level of the cable, cable marking should be consistent with the provisions of GB / T 6995.

9.3 包装Packaging

9.3.1 产品应成圈或成盘包装，成盘包装的交货盘按JB/T 8137的规定。

Cable should be packed in coil or by drum. If it is packed in drum, it should be consistent with the provisions of JB/T 8137

9.3.2 每圈或每盘上应附有标签标明。

Each coil or drum shall be accompanied by the label with the following information

生产厂名; Manufacturer Name

产品型号、规格、单位为mm²; Product models, specifications, mm²;

额定电压，单位为V; Rated voltage in V;

长度，单位为m. The length of m.

制造日期，年 月 日 the date of manufacture

标准编号 Series Number