电焊机电缆

Arc Welding electrode cables

本产品适用于交流额定电压450/750V及以下的家用电器、电动工具和各种移动电气设备。

It is used for household electrical appliance, electrical tools and various mobile electrical equipments with AC rated voltage up to and including 450/750V.

一、生产执行标准

GB/T 5013.6-2008或IEC60245-6:2003。

Executive standard

GB/T 5013.6-2008 or IEC60245-6:2003.

二、使用特性

由于这种类型的电缆专用于焊接，故额定电压不作规定。

Operational performance

Due to this type of cable is used for welding, the rated voltage is not specified.

三、型号及名称及主要用途

Type, Description and Main Application

型号 Type	名称 Description	主要用途 Main application
60245 IEC 81(YH)	橡套电焊机电缆 Rubber sheathed electric welding machine cable	主要用作电焊机焊接线用 Mainly used as welding wire for arc welding machine
60245 IEC 82(YHF)	氯丁或其他相当的合成弹性体橡套电焊机电缆 Polychloroprene or other equivalent synthetic elastomer sheathed arc welding electrode cable	

四、规格范围

Specication Range

型号 Type	额定电压V Rated voltage	芯数 Core number	标称截面mm² Nominal cross section area
60245 IEC 81(YH) 60245 IEC 82(YHF)	/	1	16~95

五、规格尺寸及技术参数如下表

Specification , Size and Technical Parameter

60245 IEC 81(YH) 60245 IEC 82(YHF)

标称截面 mm² Nominal cross section area	导体单丝直径 mm Max.diameter of single wire	20℃时导体电阻最大值 Ω/km Max. conductor resistance at 20℃		覆盖层总厚度规定值 mm Total thickness of covering specified value	符合覆盖层中的保护厚度规定值 mm Thickness of sheath of composite covering specified value	平均外径 mm Average outside diameter	
		铜芯 Copper core	镀锡铜芯 Tined copper core			下限 Lower limit	上限 Upper limit
16	0.21	1.16	1.19	2.0	1.3	8.8	11.0
25	0.21	0.758	0.780	2.0	1.3	10.1	12.7
35	0.21	0.536	0.552	2.0	1.3	11.4	14.2
50	0.21	0.379	0.390	2.2	1.5	13.2	16.5
70	0.21	0.268	0.276	2.4	1.6	15.3	19.2
95	0.21	0.198	0.204	2.6	1.7	17.1	21.4

六、交货长度

1、根据双方协议允许任何长度的电缆交货，长度误差为±0.5%；

2、用户对产品有阻燃特性要求，在合同中需另补充协议。

Delivery Length

1.According to the agreement between the two parties, any length of cable can be delivered with a length error of ±0.5%.

2.The additional agreement should be added according to customer’s requirements on flame retardant performance.