

WBH-813 电源插件

产品名称	WBH-813 电源插件
公司名称	许昌华继电气有限公司
价格	.00/块
规格参数	品牌:许继 型号:WBH-813 产地:中国
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产品详情

1. Introduction 1.1 Applicable scope

DC insulation monitoring device is very important in DC system. The operation practice proves that, the harm of DC system grounding may result in the maloperation and refusal-operation of relay protection device, and even the maloperation and refusal-operation of primary equipment under DC control, to seriously influence the safe and stable operation of electric power system. Therefore, it is necessary to have a real-time online monitoring of DC system grounding insulation conditions, and eliminate the faults as soon as possible in case of grounding.

In combination with the operation experience of WZJ-21 microcomputer-based DC insulation monitoring device developed by our company in electric power system for years, we have developed WZJ-31 microcomputer-based DC insulation monitoring device (hereinafter referred to as WZJ-31 device). It can realize the real-time online monitoring of insulation conditions of DC bus and branch, timely find out and determine the grounding bus or branch in case of DC grounding, and give a warning signal; moreover, it can detect out the information of power frequency AC signal mixed in DC system as well as the interconnection fault of parasitic branch and two buses, so as to timely discover the hidden danger existing in the system. In addition, WZJ-31 device is provided with bus leveling function, conducting bus leveling when the system is grounded, to avoid maloperation. WZJ-31 device is made up of two parts, namely host and slave, in which, the host communicates with the display through RS485, and the host communicates with the slave through CAN. Besides, WZJ-31 device may communicate with upper computer through RS485. WZJ-31 device, adopting the principle of combination between balanced bridge and unbalanced bridge, will detect the bus grounding insulation state, not inject AC to DC system, and no influenced by DC feeder line ground capacitance. This device is applicable to many complicated DC systems used in power plants and transformer substations, etc.