

FKRN12-12D户内交流高压负荷开关-熔断器组合电器

Indoor AC HV Load Switch-fuse Combination



产品概述 General



FKRN12-12型户内高压负荷开关是额定电压12KV, 额定频率50HZ的三相高压开关设备, 用于分断负荷电流、闭环电流、空载变压器电缆变电电流、关合短路电流、配装接地开关的负荷开关, 可以承受短路电流。主要用于三相环网终端供电的市区配电站和工业用电设备中, 作负荷控制和短路保护之用。

FKRN12-12 indoor high voltage load switch is a three-phase high voltage switchgear with rated voltage 12KV and rated frequency 50HZ, load switch used to break load current, closed-loop current, no-load transformer cable transformation current, closed short-circuit current, equipped with earthing switch, can withstand short-circuit current.

The utility model is mainly used for load control and short circuit protection in urban distribution stations and industrial power equipment supplied by three-phase ring network terminals.

特点 Feature

负荷开关、接地开关、熔断器及机构在一个框架上, 可灵活组合, 结构紧凑, 体积小, 安装方便简易。

断口为直动式布置, 动、热稳定电流参数高, 一次性完成操作。

具有静触头绝缘罩, 使环网柜在结构上实现了隔离, 省去了相应绝缘隔板, 断口绝缘插板, 可防止柜内弧光短路事故。

具有独特的活门结构, 负荷开关分闸后, 活门自动将断口隔离, 防护性能好。

Load switch, earthing switch, fuse and mechanism can be flexibly combined on a frame, with compact structure, small volume and easy installation.

The fracture is arranged in a straight-acting type, with high dynamic and thermal stable current parameters, and the operation is completed in one time.

With the static contact insulating cover, the ring net cabinet can be isolated in structure, and the corresponding insulating partition board and the broken insulating plug board can be omitted.

With a unique valve structure, load switch after opening, the valve will automatically fracture isolation, good protection performance.

主要技术参数 Main technical parameters

项目 Item	单位 Unit	参数 Parameters
额定电压 Rated voltage	kV	12
额定频率 Rate frequency	Hz	50
额定电流 Rated current	A	125
额定绝缘水平 Rated insulation level	1min工频耐压 1min line frequency withstand voltage	kV 对地、相间42; 隔离断口48 to-ground/phase 42; isolation distance 48
	雷电冲击耐压 Thunder impulse withstand voltage	kV 对地、相间75; 隔离断口85 to-ground/phase 42; isolation distance 48
额定动稳定电流(峰值) Rated peak withstand current(peak)	kA	50
4S热稳定电流 4S short-time withstand current	A	20



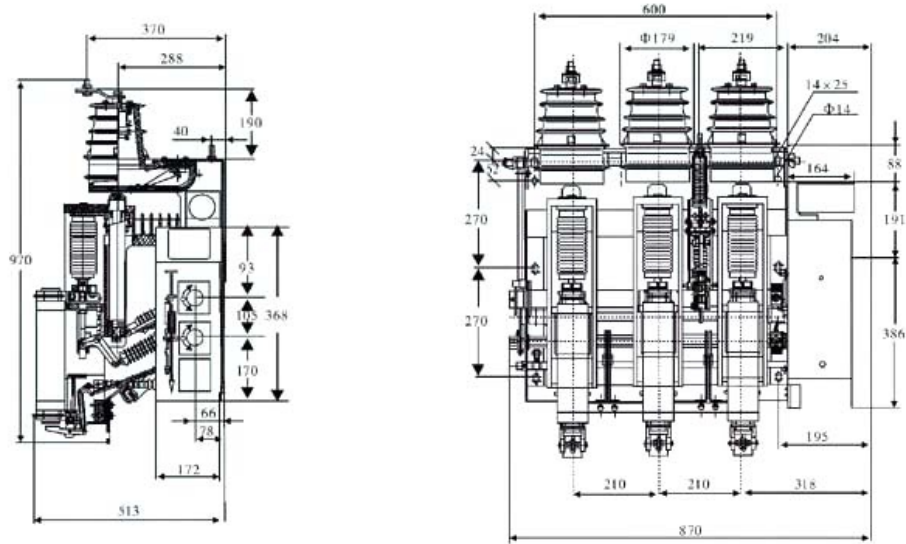
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续上表 Continued

项目 Item	单位 Unit	参数 Parameters
撞击器输出能量 Output energy of impinger	J	2-5 (中等)
额定短路关合电流 Rated short-circuit making current	kA	50
接地开关额定动稳定电流 Rated peak withstand current of earthing switch	kA	50
接地开关2S热稳定电流 Short-time withstand current of earthing switch	kA	20
辅助回路额定电压 Rated voltage of auxiliary circuit	V	≤200:100
机械寿命 Mechanical Life	次 time	10000

外形尺寸及安装尺寸 Outline and installation dimension



(负荷开关外形尺寸图)
Drawing of load switch outline dimensions