



1 产品概述 Product Summarize

用于变压器差动保护线路中,作为主保护。继电器适用于双绕组和三绕组电力变压器,实现一侧至四侧制动,且能在 20%~50% 变压器额定电流下动作。

由差动元件和瞬动元件两部分构成。差动元件由差动工作回路、谐波制动回路、比率制动回路、直流比较回路所组成。

This series are applying for differential protective circuit of transformer as main protection. This series can be used in double winding and three-winding power transformer to realize braking one to four sides, and can operate under 20%~50% rated current of transformer.

This relay is composed by differential elements and instantaneous elements. Differential elements are composed by differential working loop, harmonic braking loop, ratio braking loop, and DC comparison loop.

2 主要技术参数 Main Technological Parameter

额定电流 Rated current	(A)	1,5
	(Hz)	50
差动元件整定值(A) Differential element setting value (A)		0.2~0.5, 1~2.5
瞬动元件动作值 Instantaneous element operating value		4~10 倍额定电流 times rated current
返回系数 Return coefficient		≥ 0.4
动作时间	差动元件 2 倍动作电流(ms) Differential element 2 times operating current	< 60
Operating time	瞬动元件 2 倍动作电流(ms) Instantaneous element 2 times operating current (ms)	< 20
功率消耗 Power consumption	差动回路(A/相) Differential loop (A / phase)	< 2
	制动回路(A/相) Braking loop (A/ phase)	< 2.5
触点容量(直流)T=5ms(W) Contact capacity (DC) T=5ms (W)		20
重量(kg) Weight (kg)		6

3 安装开孔尺寸、接线图 Mounging plate opening size, Wiring drawing

