



1 产品概述 Product Summarize

用于发电机和两绕组或三绕组电力变压器作为单相差动保护。BCH-2A型用于母线差动保护(增加一副动断触点), 其余同BCH-2型。

由DL-11型电流继电器和中间速饱和变流器组成, 前者作为执行元件, 后者具有短路绕组, 具有差动继电器的一些主要技术性能, 如直流偏磁特性、消除不平衡电流效应等。固定安装在垂直屏板上, 可以前面接线或后面接线, 由用户选择, 订货时须指明。

It's used in generator or electric transformer with two or three windings, working as single phase differential protection. BCH-2A type is used in busbar differential protection (add a pair of movable breaking contact), others are the same as BCH-2 type.

It's composed of DL-11 current relay and middle rapid-saturable current transformer. The former one is working as execution component, and later one, due to its short circuit windings, which is installed on vertical screen board, it has the same technical performer of differential relay such as DC biasing characteristic, unbalanced current efforts elimination. It can be connected by front or back as client's demand, please indicate it as ordered.

2 主要技术参数 Main Technological Parameter

额定电流(A) Rated current (A)	5(50Hz)
动作安匝 Action amper-turn	60 ± 4
可靠系数 Reliability coefficient	5 倍动作电流 ≥ 1.35; 2 倍动作电流 ≥ 1.2 5 times of action current ≥ 1.35, 2 times of action current ≥ 1.2
整定范围(A) Setting range (A)	两绕组变压器或发电机 1.55 ~ 12 三绕组变压器 3 ~ 12 Transformer or generator with two windings, 1.55~12; with three windings, 3~12,
动作时间(s) Action time (s)	3 倍动作电流 ≤ 0.035 5 times of action current ≤ 0.035
功率消耗(VA) Power wattage (VA)	在额定电流下平衡绕组(I 或 II)全部接入时单相功率 ≤ 16 Under rated current, all balanced windings (I or II) be connected, power of single-phase ≤ 16
触点形式 Contact form	1 动合 pair movable connection
外形尺寸(max)长 × 宽 × 高(mm) Dimension (Length X width X Height)	前接线 228 × 204 × 205; 后接线 195 × 175 × 240 Front connected, 228X204X205, Back connected 195X175X240

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

