

ABSTRACT OF THE DISCLOSURE

CIRCUIT BREAKER

A circuit breaker which meets a trade-off among the simplification and easiness of delayed-action adjusting function and the suitable protection. In the circuit breaker, during setting of a delayed-action characteristic, the user sets only a rated current setter and short delayed-action setting and long delayed-action operation setting are automatically effected by means of an internal characteristic setting unit, so that when greatest common measure like load conditions to be protected are presupposed, in order that a delayed-action characteristic meeting the presupposed conditions is obtained, other parameters of the delayed-action characteristic are set in accordance with independent coefficients which conform to the set rated current value. In the circuit breaker constructed above, a troublesome setting switch can be dispensed with, erroneous setting can be eliminated and easiness of use can be promoted.

(Figure 9)