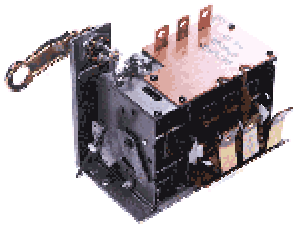
Internal, Oil-immersed Secondary Circuit Breakers



Transformers subjected to overloading or applied on lines without overload protection should be self-protected. Self-protected distribution transformers offer a complete, unified system of overload protection. The primary means of protecting the transformer is the circuit breaker, which is designed to give adequate protection from short circuits and severe overloads.

Options:

Signal Light - One of the features of the self-protected pole-type transformer is the signal light. When the transformer is thermally overloaded, the signal light will light, serving as visual evidence that an unusual overload has occurred on the transformer.

Emergency Overload - Through the use of the emergency overload lever, self-protected transformers are able to carry overloads in excess of those normally permitted by the circuit breakers. If a transformer circuit breaker has tripped and the bimetals are still at trip temperature, the use of the emergency overload lever may allow the operator to close the circuit breaker to restore service.