

Use of ABB Overload Relays in Single-phase Applications

Only the ABB type TA__DU thermal style O/L relay can be used in applications where a three-phase contactor and three-phase O/L relay are used single-phase power circuits. Also, this must not be single-phase power that is derived from phase to neutral as in 120V single-phase.

The ABB Electronic type E__DU__ O/L relay must not be used as it will trip even when the power circuit is wired in a loop as shown below.

