

EM4-Clare – Mercury Displacement Contactor



DPST mercury displacement contactor. This model is one of the early types, with clear glass bulbs.

Inside each bulb an iron plunger floats on the mercury. When the coil is energized, the plunger is attracted downwards, displacing up the mercury. Electrical contacts are then wetted by the mercury, closing the circuit. These contactors were characterized by quiet, smooth and reliable operation.

- The contact surface is always renewed and clean
- No arcing, no contact bouncing
- Fail-safe release when the coil is de-energized