

235NO-120A – Mercury Displacement Contactor



DPST mercury displacement contactor. This model is a modern evolution of the early types, with stainless steel bulbs and epoxy coating.

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. Mercury displacement contactors are characterized by quiet, smooth and reliable operation. Must be mounted vertical.

- The contact surface is always renewed and clean. 35 A at 600 V, resistive load. 3 milliohms contact resistance. 250.000 cycles.
- No arcing, no contact bouncing. 50 ms operate, 80 ms release time.
- Fail-safe release when the coil is de-energized
- Coils can be connected in series for 230 V operation.

Data of the [235NO-120A](#).