

Level Control CN551

DINFER ELECTRONICS

1. Unit description

The unit CN551 has been designed for controlling the liquid levels in the carbonator cups of the post mix machines. Its performance is based on sensor rods which detect the liquid level and activate the filling pump. In order to avoid those small oscillations in the liquid level that might trigger intermittent connections, the unit CN551 is provided with hysteresis, securing a correct functioning. The unit CN551 shuts off the entire system if there's a blackout and the carbonator cup hasn't filled up in 180 seconds. In that case, push the reset button to re-start the normal operation.

2. Technical specifications



Electrical characteristics

- Carbonator level control postmix cup
- Voltage supply: 230VAC
- Absorbed power: 1,5VA MAX
- Actor 1: Relay 1 Contact NA/16A
- Sensor type: SC / 3 electrodes AISI-304
- Effective conductivity range: 100 μ S to 4000 μ S (25°C)
- Temperature range: -40°C to 99°C
- Connections: 7 gates FASTON

External measurements and unit connection

