

Digital controller TDM716pa DINFER ELECTRONICS

1. Unit description

The unit TDM716pa is a digital thermostat designed for the needs of barrel beer refrigerators with a parameters menu, but in a easy way, to facilitate the actions of the maintenance service. Specifically, this thermostat is adapted to Mahou-San Miguel brewery; that is why automatic defrosts (in the column tap for draft beer) have been implemented each 24 hours through stirrer-bomb standstill, using a real-time clock.

It contains a battery which is able to keep its configuration for over 30 days if the device is disconnected from the electrical grid.

Furthermore, the thermostat acts in a single tank controlling the temperature of the beer. The device will show on screen the alarms of the possible incidences that could happen in the system.

2. Technical specifications



Electrical characteristics

- Equipment for controlling refrigeration systems of beer columns
- Absorbed power: 1,5VA MAX
- Actor 1: Relay 1 contact NO/16A
- Actor 2: Relay 1 contact NO/6A
- Defrost: 1 each 24h (duration 4h)
- Sensor type: NTC6K8/NTC10K (25C)
- Temperature range: -40C to 99C
- Connections: 6 terminals

External measurements and unit wiring

