

## DIFTRONIC automatic control of the air supply angle

MADEL®

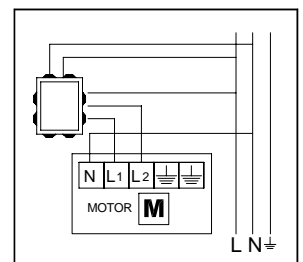
**DIFTRONIC** Automatic control of the air supply angle for adjustable diffusers with electrical actuator type On/Off.

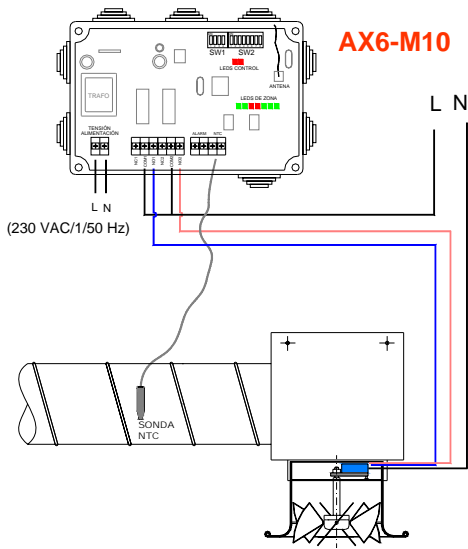
The system consists of a temperature probe connected to a control panel that manages from 1 to 30 diffusers with actuator.

The probe, that has to be installed in the supply duct, transmits the air temperature to the control panel. When this is higher than 26 °C, the control orders the actuators to position the diffusers in heating mode to avoid the stratification of the air. If the temperature is lower than 26 °C, the diffusers are positioned in cooling mode to avoid an excessive air velocity at the occupied zone.



### Wiring diagram



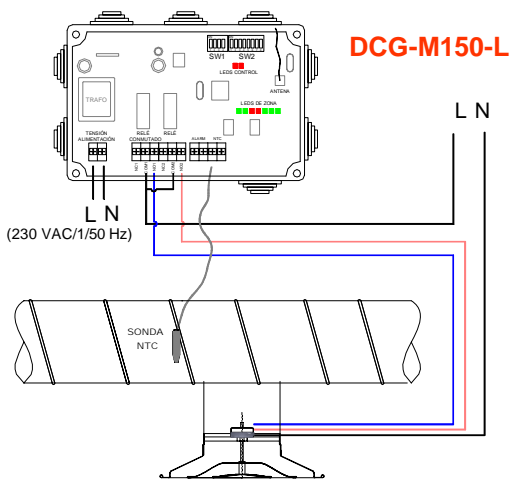


**DIFTRONIC** facilitates the fulfillment of the Technical Instructions ITE 02.4.4 from the Spanish regulations R.I.T.E in which it refers to stratification in the design of HVAC systems.

## APPLICABLE DIFFUSERS

**AX6-M10** Circular swirl diffusers with adjustable blades by means of an electrical actuator at 24v or 230v On/Off type. Suitable to be used in different premises from 4 metres high.

**DCG-M150-L** Adjustable cones circular diffusers, operated by means of an electrical actuator at 24v or 230v On/Off type. Suitable to be used in different premises from 4 metres high.



**KAM-M5** Long throw jet nozzles with angle of air diffusion adjustable by means of an electrical actuator at 24v or 230v On/Off type. Suitable to be used in different premises from 4 metres high.

*(more info in AX6, DCG or KAM, PDF catalogues)*

## SPECIFICATION TEXT

Supply and mounting of an air supply angle control system for adjustable diffusers **DIFTRONIC**, consisting in a temperature probe connected to a control panel with capacity to manage from 1 to 30 diffusers with electrical actuator at 24 or 230v On/Off type. **MADEL** trademark.

