

> FRANÇAIS > UDC100 / UDC110T / UDC110A / UDC120 REGULATEURS ¼ DIN

→ FONCTIONNEMENT

UDC100/110/120 Appuyez sur ① pour accéder au point de consigne et le régler avec ②. La LED ③ de la sortie est allumée quand la sortie relais est active.

UDC110T/A Appuyez sur ① pour accéder à la valeur alarme/minuterie et la régler avec ②. La LED ④ de la sortie est allumée quand la sortie du deuxième relais est active. A tout moment, la consigne minuterie peut être modifiée pendant le décomptage.

UDC120 Appuyez sur ① pour accéder au point de consigne de la seconde boucle et la régler avec ②. La LED ⑤ de la sortie est allumée quand la sortie relais de la deuxième boucle est active.

→ PROTECTION EN ECRITURE DES VERSIONS 1.5 (AE) → 1.7 (AG)

Les ④ rellis sortis d'usine sont protégés en écriture. Un changement de co. ration doit se faire selon la séquence suivante :

1 Mettez l'appareil sous tension en maintenant ① appuyé. Le message "UnL" apparaît, signalant que l'on a préparé le déverrouillage : toutes les fonctions sont

➤ ENGLISH ➤ UDC100 / UDC110T / UDC110A / UDC120 ¾ DIN CONTROLLERS

➔ OPERATION

UDC100/110/120 Press ① to access to setpoint and adjust it with ②. Output LED ③ is ON when relay output is ON.

UDC110T/A Press ④ to access to alarm/time value and adjust it with ②. Output LED ⑤ is ON when second relay output is ON. At each moment, the time setpoint may be changed during the time period.

UDC120 Press ⑥ to access to setpoint of the second loop and adjust it with ②. Output LED ⑦ is ON when relay output of second loop is ON.

➔ WRITE PROTECTION OF VERSIONS 1.5 (AE) → 1.7 (AG)

The appliances are factory write protected. Any change in the configuration must be done according to the following sequence:

- 1 Switch the power ON while pressing ①. The message "UnL" means that the UDC is prepared to be unlocked; all the functions are inhibited.
- 2 Switch the power OFF. You may then perform 3a or 3b.
- 3a Switch the power ON. A configuration download is then possible; the UDC will be automatically locked afterwards by downloading the new configuration.
- 3b Switch the power ON while pressing ①. The message "Loc" appears temporarily, indicating that the UDC is locked again.

➔ WIRING Sensor cable should never be closed to parallel power cables. Contacts are shown with relay coil de-energized.

Use proper compensation wires for the T/C used.

➔ PANEL MOUNTING Push slowly on the controller fastenings to compress properly the gasket.

➔ SPECIFICATION

Protection: IP54 (front face), IP20 (rear face)

Connection: Screws

Panel mounting: Plug-in-chassis

Front face: 96x96 mm

Depth: 55 mm

Power supply: 115/230 Vac, 24/48 Vac or 24/230 Vac

as ordered

Frequency: 50/60 Hz

Power or current rating: 5 W

Accuracy: 0.5% of span
Ambient temperature: 0 to 60°C

Humidity: 20 - 95% RH non-condensing

Line voltage limits: +15% -13%

Frequency - operative limits: 47 Hz - 63 Hz

Complies with EN61010-1 installation category II,

pollution degree 2

Altitude: 2000 m max

Input impedance: 1 MΩ


Input type: J, K, T, L, S, R, PT100, mA, mV, as ordered

Approval: CE mark, UL, CSA

Output type: 1 relay 10 A 250 Vac (UDC100),

2 relays 10 A 250 Vac (UDC110, UDC120)

Control type: On-Off, PID (option)

 To avoid the risk of electrical shock which could cause personal injury, follow all safety notices in this documentation.

 Equipment protected throughout by double insulation or reinforced insulation. The first input is not insulated either from the second input or from SSR relay driver or from the configuration jack.

- If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.
- Do not operate the instrument in the presence of flammable liquids or vapors. Operation of any electrical instrument in such an environment constitutes a safety hazard.
- The controller must be mounted into a panel to limit operator access to the rear terminals.
- A switch in the main supply is recommended near the equipment and a 500 mA rapid fuse is mandatory.
- You must power off the controller before removing it from its housing.
- Use only a wet cotton cloth for cleaning the unit.