

Auxiliary unit for Carbomat-M, Carbo-M and Nitromat-M with cable and connector

Type: REL 45.12.4.1.1



Principle of Operation:

The auxiliary unit **REL 45...** is designed to connect external components like thermo-couples, O₂-probe, temperature controller etc.

This box contains the circuit of interface with the controller, alarm relays of the system, relays of the auxiliary outputs and the main outputs connection with **Carbomat-M**, **Carbo-M** and **Nitromat-M**.

Technical Data

Dimensions:

100 x 245 x 125 mm (L x W x H)

Mounting:

Quick fastening for norm tracks DIN 46277 and DIN EN 50022

Degree of Protection:

Case and clamps IP 20

Wiring:

Cable cross section up to 2,5 mm²
Number of terminals: 52

Auxiliary voltage:

230 Vac ± 10 % / 50-60 Hz

Power consumption:

approx. 8 VA

Output:

12 NO contacts, isolated 3 A / 250 Vac mA, V for ext. controller a recorder

Display:

LED 0...12 to show the relay position

Ambient Temperature:

-10...+50 °C

Connection cable:

Shielded cable with 37-pole D-Sub-plug
Standard length 1 Meter

Climatic Conditions:

Storage and operation -10... 45 °C

Modell code:

REL 45.12.4.1.1 — cable length in meter
 Pt 100 for reference junction
 Power supply 3: 115 Vac
 4: 230 Vac
 number of relay outputs

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- Legend:**
- 1 Carbomat-M**
 - 2 Carbo-M**
 - 3 Nitromat-M**
(no version of nitriding controlling)

