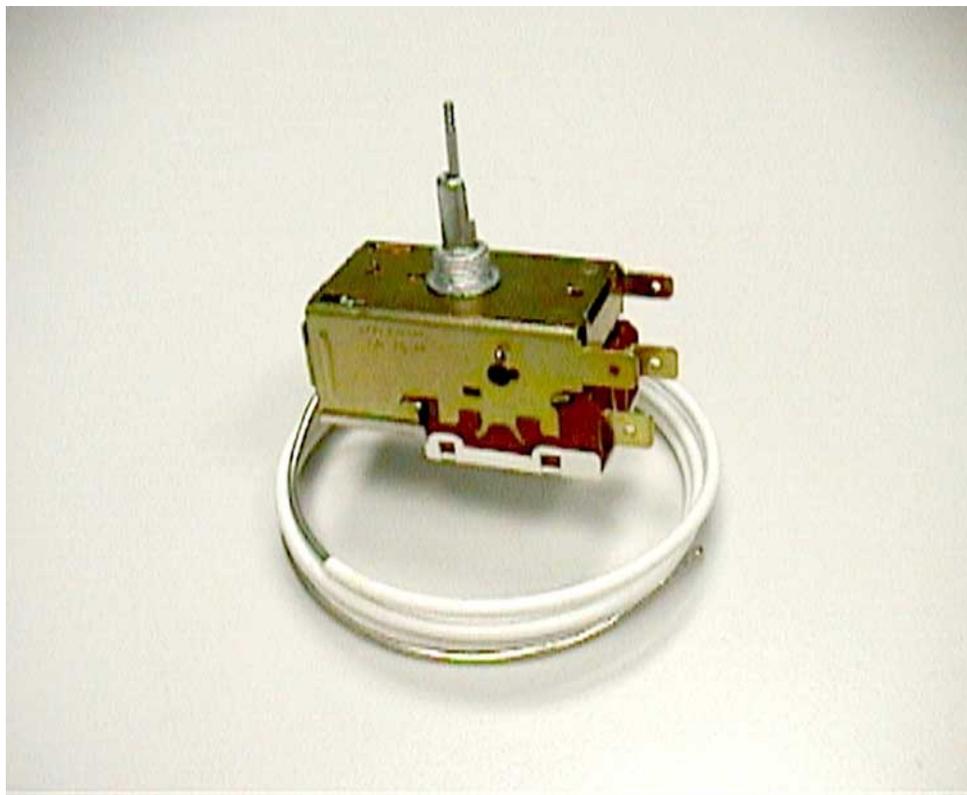
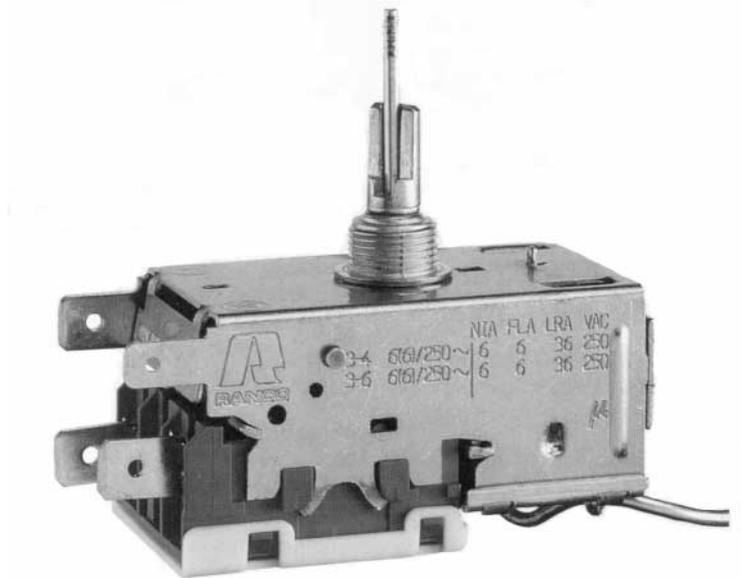


**A** RANCO

# K60 Thermostats



# Temperature control with SPST switch and push-button for automatic defrost function



## Terminal 3-4 closes at temperature rise

Closing with rising temperature and possibility to manually initiate a defrost cycle by pressing the defrost pin. The so-called semi-automatic defrost function is achieved by pressing the defrost pin (stroke approx. 4 mm) until latching. By this the main switch is opened and locked until the defrost temperature is reached at the sensing point of the capillary which normally is fixed at the evaporator. After this defrost temperature has been achieved, the pressure pin returns to its OFF position and the normal ON/OFF operation of the temperature control is reset. Defrost function can be initiated in any position of the dial shaft; if it has been initiated by accident, the defrost function can be cancelled by turning the dial shaft to OFF position.

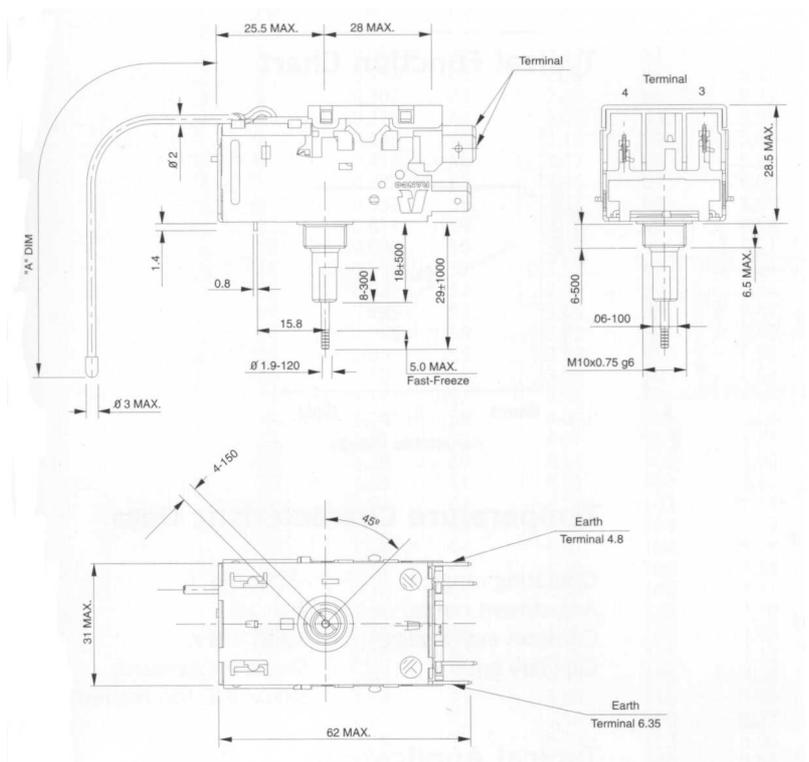
## Rating at 250 V, 50 Hz

3-4: 6(6)A

## Dimensions/Connections

Control shown in position COLD according to standard type, other dial shaft positions on request.

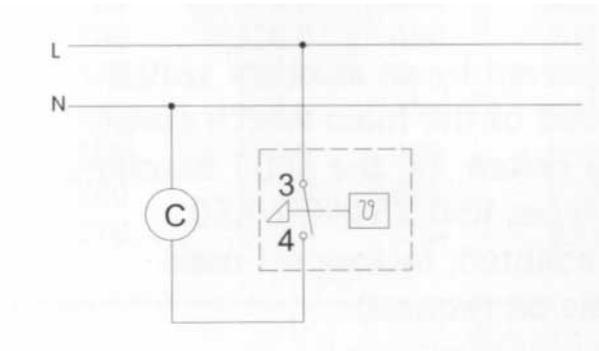
For the type equipped with terminals 6,35 mm the external terminals are turned by 90° with respect to the a.m. figure.



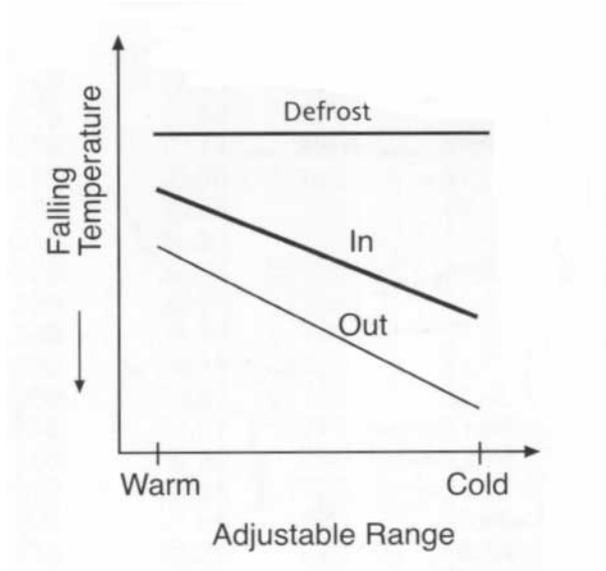
### Typical Electrical Wiring Diagram

3-4 = main switch closes on temp rise

C = compressor



### Typical Function Chart



### Temperature Characteristic Data

Operating range: -40 to 40 °C

Adjustment range: 4 to 14 K

Switching differential: 4 to 14 K

Defrost temperature: possible between 2 and 10 °C (but differential of defrost temperature to WARMIN min 4K)

Capillary type: Shape A (standard)

Shape B/C (on request)

### Typical Applications

Refrigerators

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