

**CareTech®**

Call for care

User-friendly graphical interface  
Excellent operational reliability  
Full access via Internet



## Omni Central Unit

The Omni Central Unit is a versatile and very powerful central unit that can be used to program all parameters and handle all communication in CareTech's System 5000. All settings are saved in a database, which means there is no need for Omni to be connected to a PC during normal operation. Reprogramming, upgrading and troubleshooting can be carried out on the system either locally or over the Internet and an authorized service partner can access the information in the system at any time, ensuring excellent operation reliability. At CareTech we develop our products and solutions in collaboration with customers and users. CareTech products and know-how offer users, care staff and relatives a reassuring complete solution that gives them extra peace of mind.



# Omni Central Unit

- Works with locally connected PC or via Internet for good operational reliability and unique service access.
- Freely programmable text.
- Handles up to 500 wireless transmitters/sensors.
- Up to 50 independent sections can be handled.
- 10 Mbit Ethernet port with DHCP permits automatic network configuration.
- Isolated RS-232 port for safe connection to PC.
- Built-in real-time clock with rechargeable back-up battery.
- 4 programmable relay outputs.
- 1 programmable transistor output.
- 12 programmable digital inputs.
- 2 programmable isolated digital inputs.
- Facility for remote programming over Internet or LAN DHCP.

## Technical data

|                      |   |
|----------------------|---|
| Power supply         | 9–24 VDC  |
| Power consumption    | 500 mA max.   |
| Interface            | RS-485 Ethernet 10 Mbit   |
| Outputs              | 4 relay outputs. Max. 1 A/30 VDC<br>1 transistor output, max. 100 mA/<br>12 VDC                                 |
| Inputs               | 12 non-isolated inputs, activated by<br>connecting to ground<br>2 isolated inputs<br>(12–24 VDC for activation) |
| Dimensions           | 215 x 145 x 40 mm   |
| Temperature range    | 0–40°C  |
| For more information | See Technical Manual  |
| Article number       | 1-830000  |

## Approval

CE -marked. Complies with relevant standards

Manufactured in accordance with the new RoHS directive, 2002/95/EC



(Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment)

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