



W = Width, D = Depth, H = Height



Futura

DEFA Futura is a DEFA WarmUp timer and is to be fitted at the dashboard and is connected to WarmUp via a cable.

Futura has got the following features::

- 2 pickup times (I og II)
- 1 Hour preheating
- 2 Hour preheating
- 3 Hour preheating
- Automatic preheating
- "On" Continuously On
- Continuously Off
- Battery voltage*
- 24 Hour timer
- Outdoor temp. in oC*
- Zero-condition warning*
- Display light

* Accessories: These features requires a outdoor temperature sensor. If this is not installed, will the unit use the build in temp. sensor in the timer to control the Auto WarmUp program.

DEFA AS is conforming to the requirements of both ISO 9001-2008, ISO 14001:2004 and OHSAS 18001:2007. In addition to this, our engine heaters and cables are conforming to the requirements of ISO/TS 16949:2002.

Item number

440010 Weight: 270 gr. (Timer and cables)***.

440011 Weight: 375 gr. (Incl/460838 relay)***.

*** Accessories no: 418071. Weight: 43 gr. (Outdoor temp. sensor)

Part of

Futura timer is part of WarmUp 1350 (Item no: 471252) and WarmUp 1850 (Item no: 471265).

Use & Installation

Fit the DEFA Futura timer onto a suitable place in/on the dashboard or on the centre console. If the customer wants to operate DEFA WarmUp using time-program control alone, the device can be installed on the sun visor inside the vehicle.

Technical specifications

| | |
|------------------------------|--|
| Voltage [V] | 12 |
| Required power ex/light [mA] | 3,5 |
| W/H/D [mm] | 47/37/13 |
| Weight [gram] | 19 |
| Certifications | EN55022, EN61000-4-1, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, ISO7637-1/-3. |