

## 16 Environmental compatibility

### Environmental aspects of development

The number of parts has been greatly reduced through the use of highly integrated components and a modular design of the entire converter series. As a consequence, the power consumed in the production process is significantly lower.

Particular importance has been attached to reducing the volume, mass and diversity of metal and plastic parts.

|                                  |                            |                   |
|----------------------------------|----------------------------|-------------------|
| Front components:                | PC + ABC                   | Bayblend          |
|                                  | ABS                        | Novodur           |
| Plastic components in converter: | ABS                        | Novodur           |
|                                  | PA 6.6                     |                   |
|                                  | SE1-GFN1                   | Noryl             |
| Insulation:                      | PC (FR) fl                 | Makrolon or Lexan |
| Keyboard membrane:               | Polyester membrane 0.15 mm |                   |
| Rating plate:                    | Polyester membrane         |                   |

Flame arresters containing halogen and insulating materials containing silicone have been replaced by pollutant-free materials on all major components.

Environmental compatibility was an important criterion in the selection of supplied parts.

### Environmental aspects of production

Most supplied parts are shipped in reusable packaging. The packaging material itself is recyclable, consisting mainly of cardboard.

With the exception of the converter housing, surface coating materials have not been applied.

The production process is free of emissions.

### Environmental aspects of disposal

The unit features screw and snap-on connections that can be separated easily to dismantle it into recyclable mechanical components.

The printed circuit boards can be disposed of by thermal processing. The percentage of components containing dangerous substances is low.

