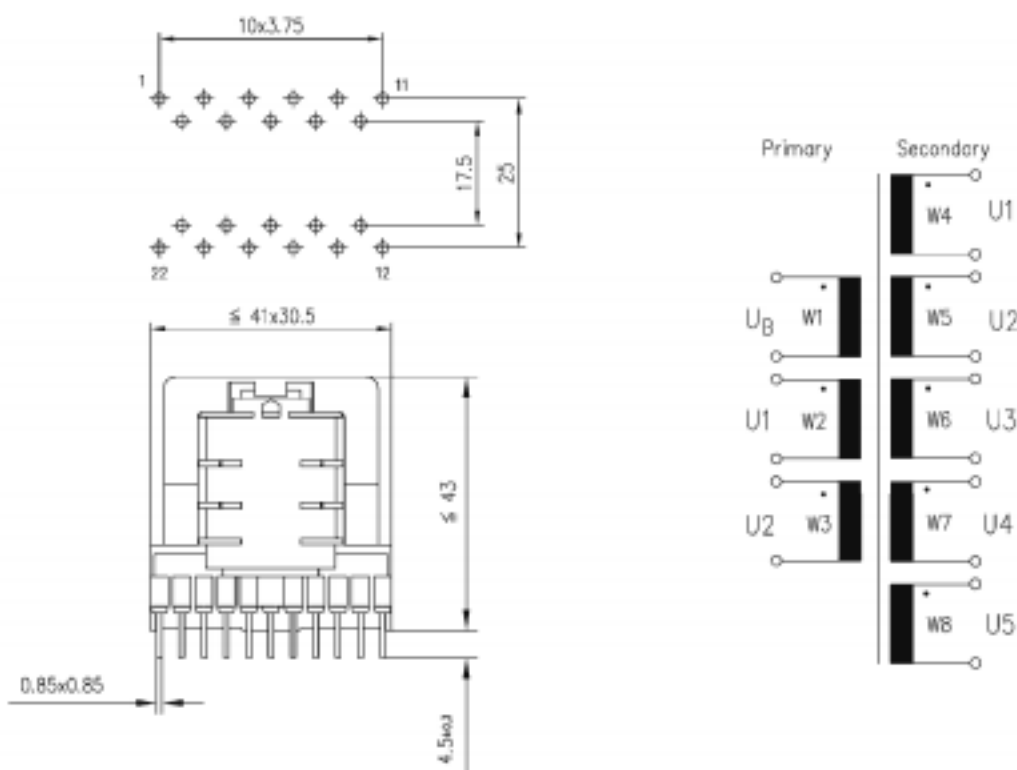




**A**      **INDUCTIVE COMPONENTS**  
**A4**     **ENERGY TRANSFER**

**A4.4 FLYBACK/FORWARD CONVERTER 30-60 WATT | E 36/11 S**



| Working frequency (kHz) | Primary   |     |        |        | Stand-ard         | $U_p^{11}$ Prim.-Sec. (kV) | Secondary        |                  |                  |                  |                  |                  | Part number   |
|-------------------------|-----------|-----|--------|--------|-------------------|----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|---------------|
|                         | $U_B$ (V) |     | U1 (V) | U2 (V) |                   |                            | U1 ( $I_{max}$ ) | U2 ( $I_{max}$ ) | U3 ( $I_{max}$ ) | U4 ( $I_{max}$ ) | U5 ( $I_{max}$ ) | U6 ( $I_{max}$ ) |               |
|                         | min       | max |        |        |                   |                            |                  |                  |                  |                  |                  |                  |               |
| 80                      | 290       | 375 | 12     |        | EN 60950          | 3.0                        | 150V (0.35A)     | 8V (0.8A)        | 15V (0.8A)       | 24V (0.3A)       | 21V (0.8A)       | 28V (0.15A)      | 545 48 006 00 |
| 60                      | 205       | 380 |        |        | VDE 0860 EN 60065 | 3.0                        | 105V (0.6A)      | 60V (10mA)       | 16V (1A)         | 8V (1A)          | 8V (1A)          |                  | 545 48 017 00 |
| 80                      | 180       | 265 | 12     |        | EN 60950          | 3.0                        | 145V (0.66A)     | 24V (1.8A)       | 7.5V (0.8A)      |                  |                  |                  | 545 48 029 00 |

<sup>11</sup> Test voltage  $U_p$  (f = 50 Hz; t = 1 sec)

Standard types (additional types in preparation)  
 Customer-specific types on request