## Design Checklist

**Company name:**

**Contact person:**

**Address:**

**Tel.:**

**Application:**
- New project
- Replacement ³:<br>**type:**
- Application ⁴:

**Safety requirements** (please specify standards, use p. 2):
- Medical:
- Railways:
- Automotive:
- Aerospace:
- Other:

**Date:**

**Project Name, description:**

**Samples quantity:**

**Desired sample date:**

**Expected annual usage [pcs./a]:**
- Current year:
- Next year:
- Year 3:
- Year 4:

**Target price [€]:**

**Product life cycle [years]:**

**QM-Requirement:**
- ISO 9000
- TS16949
- Others:

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### Insulation & environmental requirements

- **Insulation type:**
  - p Basic
  - p Reinforced
  - p Other:

- **Insulation voltage PRI – SEC [V<sub>rms</sub>]:**

- **Electrical standards:**
  - p None
  - p EN
  - p UL: ______
  - p Others:

- **System voltage (e.g. 230V, 390V) [V<sub>rms</sub>]:**

- **Working voltage (across xfmr) [V<sub>rms</sub>]:**

- **Environmental requirements:**
  - Vibration:
  - Humidity:
  - Dust:

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### Important Operational Characteristics

- **Operating frequency [Hz]:**
  - p 50 Hz
  - p 60 Hz
  - p Other:

- **Primary conductor design:**
  - p Through center hole (complete next line)
  - p on PCB (PTH transformer)

- **Inner diameter minimum [mm]:**

- **Lead length [mm]:**

- **Primary current range [A<sub>max</sub>]:**
  - ______ to ______
  - Alternatively: sec. no. of turns:

- **Desired voltage at burden resistor:**
  - Volt (0,3 V typical) at ______ Ohm

- **Ambient temperature range:**
  - From ______°C
  - To ______°C

- **Fraction of direct current (DC) [A]:**

- **Desired max. phase error [deg]:**

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¹ e.g. NiFe core, ferrite core
² e.g. power supply, inverter, solar, drive, UPS, welding

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**Additional Specifications**

<table>
<thead>
<tr>
<th>Core (if already defined):</th>
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*Additional information:*