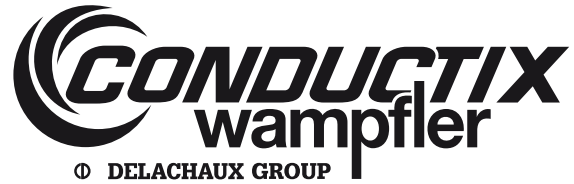


Questionnaire | Specification Data

Inductive Power Transfer – IPT®



Customer Data

Company: _____ Customer-No.: _____
 Address: _____
 Contact person: _____
 Phone: _____ Fax: _____ E-Mail: _____




Reference Data

Project name / Reference: _____
 Project schedule: Delivery: _____ **If a detailed time schedule is available, please attach**

Application

- | | |
|--|---|
| <input type="checkbox"/> Amusement Ride | <input type="checkbox"/> Electric Monorail System (EMS) |
| <input type="checkbox"/> Automated Guided Vehicle (AGV) | <input type="checkbox"/> Skillet System |
| <input type="checkbox"/> Elevator | <input type="checkbox"/> Sorter |
| <input type="checkbox"/> Transfer car or Rail Guided Vehicle (RGV) | <input type="checkbox"/> Other (please specify) |

Possible Arrangement / Integration

-  **Floor system**
(cables in the ground, flat pickup)
Please specify floor quality
-  **Floor system**
(cables on floor, flat pickup)
Please specify floor quality
-  **Rail system**
(cable holders, E-shaped pickup)
Please add drawing of track profile and arrangement

System Layout

- Total length of system [m]:
- Number of independently powered segments (e.g. for maintenance area):
- Number of switches, if any:
- Number of lifts (applicable only for EMS):
- Safety zones in front of switches
or lifts (applicable only for EMS): Yes No

Please specify separately if there are multiple segments / E-Stop zones. Please add a system layout or sketch (pdf, dwg, dxf) with marked locations for cabinets if available

Power requirements of a single vehicle

Continuous power per vehicle [kW]: _____
 Peak power per vehicle [kW]: _____
 Duty cycle [%]: _____
 Speed of vehicle [m/s]: _____
 Type of on board consumers:
 Control (PLC) + Sensors Power demand max. [kW]: _____
 Electric rotary drive Power demand max. [kW]: _____
 Lift and other auxiliary drives Power demand max. [kW]: _____
 Others (please specify): Power demand max. [kW]: _____

Please add a sketch of the load profile if available

Vehicle Dimensions and distribution of vehicles

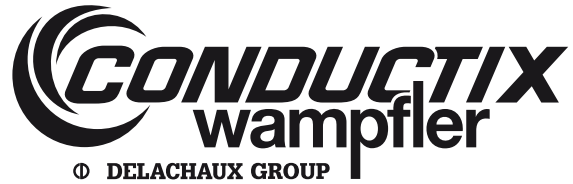
- Length x Width x Height [mm]:
- Weight [kg]:
- If there are defined locations for IPT® components please add drawings**
- Number of vehicles in total on system:
- Max. number of vehicles allowed per segment/E-Stop zone:
- Utilisation factor (simultaneous driving of vehicles) [%]:
- Desired output voltage on vehicle:
 560 V DC 24 V DC at: _____ [A]
 Other (please specify): _____

Mains voltage

- 3x 400 V AC, 50 Hz + PE Other (please specify)
- 3x 415 V AC, 50 Hz + PE voltage tolerance if > 10%:
- 3x 480 V AC 60 Hz +PE

Questionnaire | Specification Data

Inductive Power Transfer – IPT®



Operating time of the system

- Operation cycles per hour:
- Hours per day:
- Days per month:
- Months per year:

Environmental conditions

- Temperature range [°C]:
- Relative humidity range [%]:
- Indoor Outdoor
- Special conditions (e.g. chemicals, water, dust etc.):

Metals in close proximity

IPT® is an inductive system producing a magnetic field. Therefore an area free of metals, especially ferro-magnetic materials around the IPT® cables should be maintained.

Material of floor, reinforcements, etc., rails:

Type of vehicle guidance desired (if applicable)

- Rail guided
- Slot guided
- Inductively guided (iDAT Guidance)
- Other (please specify):
Tolerances while driving:

Type of vehicle positioning (if applicable)

- Transponders (provided by)
- Bar code positioning (provided by)
- Inductive positioning [iDAT Position] (by Conductix-Wampfler)
- Other (please specify):

Data communication (if applicable)

- | | | |
|--|---|---|
| Which type of data communication is considered? | | If not, is inductive data communication (iDAT) desired? |
| <input type="checkbox"/> Wireless LAN (provided by) |) | <input type="checkbox"/> Data rate [kbps]: |
| <input type="checkbox"/> Radio (provided by) |) | <input type="checkbox"/> Interface RS232 |
| <input type="checkbox"/> Infrared (provided by) |) | <input type="checkbox"/> Interface RS485 |
| <input type="checkbox"/> Other services () |) | <input type="checkbox"/> Type of field bus: |

Services desired

- | | | |
|--|--|--|
| <input type="checkbox"/> Technical Advisory | <input type="checkbox"/> Quotation | <input type="checkbox"/> Documentation |
| <input type="checkbox"/> Installation by Conductix-Wampfler | <input type="checkbox"/> Supervision of third party installation | <input type="checkbox"/> Other (please specify): |
| <input type="checkbox"/> Commissioning by Conductix-Wampfler | <input type="checkbox"/> Operator Training by Conductix-Wampfler | |

- Specific regulations/standards/rules to consider?
- Installation equipment provided?
- Installation equipment to quote beyond IPT®-specific equipment?
- Unhindered access to installation site is: given not given, because of:
- Packaging requirements:
- Comments: