

Technical Questionnaire for Battery Charging Contacts

Customer _____

Date _____

End User _____

Project No. _____

Installation _____

1. Operating voltage/Frequency

Direct current Alternating current

____ V ____ Hz

2. Number of contacts

Charging-/Operating Current ____ Control Current ____

Data/Pilot Contacts ____

3. Amperage

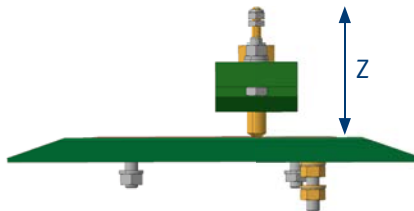
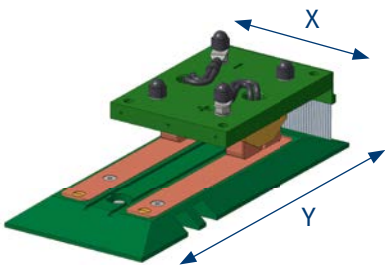
Power in A ____ Duty Cycle in % ____

Specify changing cycle when applicable

4. Type of contacting

Entrance/Crossing in y-direction Pressure contact

Entrance/Crossing in x&y-direction



Operating tolerance/Positioning precision (mm)

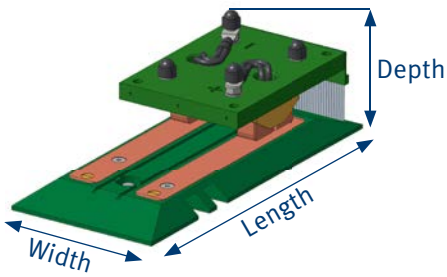
min ____ min ____ min ____

In X ____ In Y ____ In Z ____

max ____ max ____ max ____

5. Max. installation space (mm)

Width _____ Length _____ Depth _____



6. Ambient conditions

Installation location

- Indoor installation
- Outdoor installation

Special operating condition

- Humidity
- Dust

Other: _____

Ambient temperature:

_____ °C min. _____ °C max.

Entrance or exit speed

_____ in m/s

Number of crossings per day: _____

7. Type of application

- AGV-System
- Shuttle/Warehouse
- Forklift charging
- Travel operations

Other: _____

8. Function

- Contacting/Positioning
- Current feed
- Charging/Energy Storage

- Type
- Battery/Accumulator
 - Ultracap
 - _____

- Install AGV-collectors on vehicle with bristle cleaning brushes in direction of travel.
- Install AGV-Base Plate on top of the floor.
- The marked height¹ 68 (65, 45) of AGV-Collectors type BLS is the dimension at contact position.
Allowable tolerance: + 2 mm.
- In order to guarantee sufficient contact pressure, the max. wear reduction of the contact brushes is limited to 5 mm whereby the unevenness of the floor must be considered.
- Between base plate and cutout at concrete floor a dust- and waterproof sealing has to be installed.

