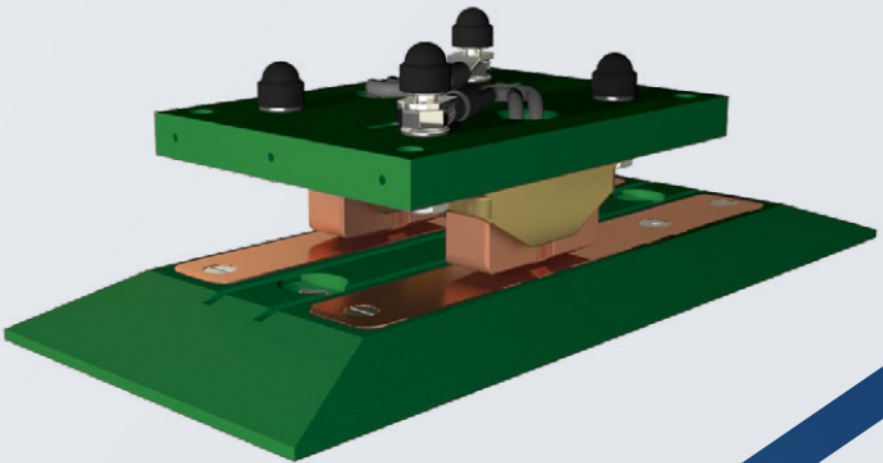


## **CHARGING CONTACTS**



# WHAT ARE CHARGING CONTACTS?

In a world that strives for complete automation and industry 4.0, charging contacts play an important role in many industries. No matter if they are powering your AGV in a warehouse setting, amusement ride or automated parking garage, they are here to make your operations more efficient.

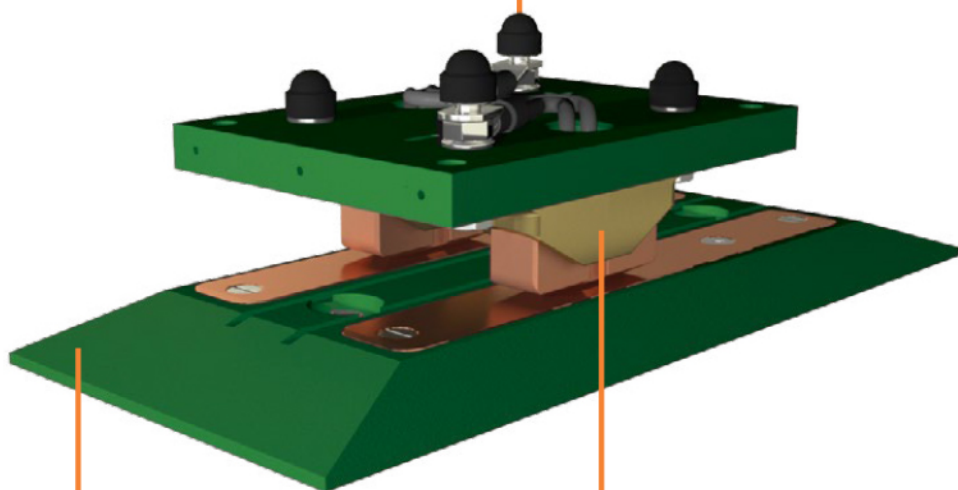
The battery charging stations can be integrated anywhere along the vehicles path to optimize the performance during stops, staging areas or loading zones.

VAHLE's charging contacts are the optimal solution for opportunity charging and increased efficiency.

## A CLOSER LOOK AT BLS/BLK

### CUSTOMIZED ENGINEERED SOLUTIONS

Available engineered models to meet your unique demands



### CHAMFERED EDGES

Smooth entry and exit for increased wear resistance

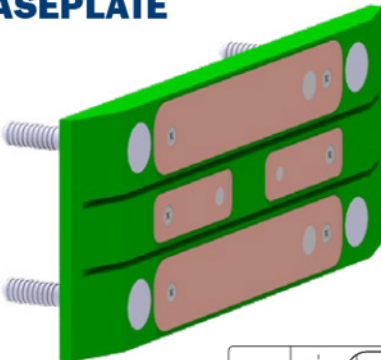
### BRASS BRUSH HOLDER

Robust design ideal for demanding applications.

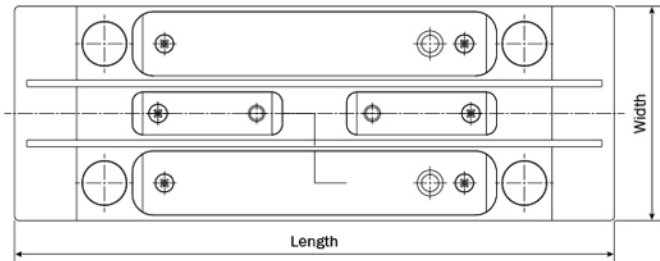
# MEASUREMENTS FOR CHARGING CONTACTS

The example below shows our standard 50 Amp, 2-Phase solution with Pilot Contacts.

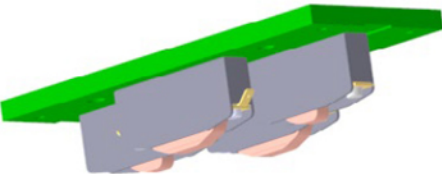
## BASEPLATE



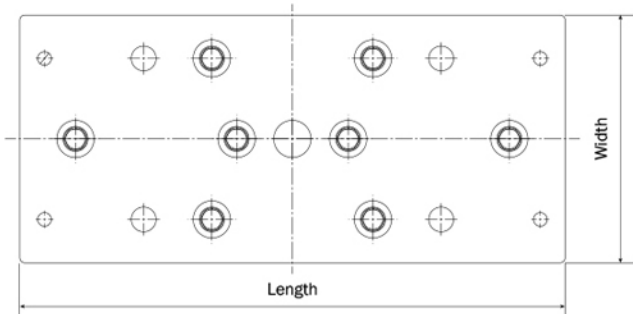
TOP VIEW



## COLLECTOR



TOP VIEW



# WHERE CAN YOU FIND OUR CHARGING CONTACTS?

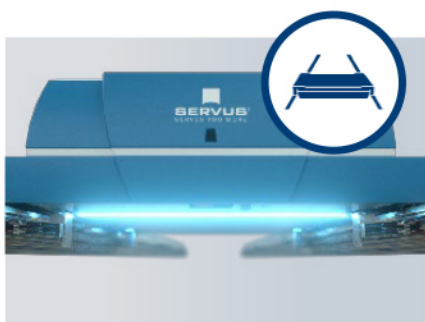
You can find our charging contacts in warehouse settings, amusement rides and in assembly automation plants. Charging contacts are the ideal solution for powering automated guided vehicles, other autonomous vehicles and small shuttles.



**FORKLIFT CHARGING**



**CAR PARKS**



**SHUTTLE SYSTEMS**



**ROBOTICS**



**AUMUSEMENT RIDES**



**AGVS**

# OPTIMIZED SOLUTIONS FOR YOUR APPLICATION & AMPERAGE NEEDS

Our standard, 2-Phase solutions without Pilot Contact option

Amperage	Baseplate	Length in mm	Width in mm	Pair w/ Collector	Length in mm	Width in mm
Up to 50	590736.00	250	70	590672.00	130	105
Up to 100	590736.00	250	70	590541.00	125	100
Up to 200	590001.00	400	190	590000.00	220	160
Up to 400	590453.00	400	278	590452.00	220	248

Our standard, 1-Phase solutions without Pilot Contact option

Amperage	Baseplate	Length in mm	Width in mm	Pair w/ Collector	Length in mm	Width in mm
Up to 200	590036.00	400	70	590035.00	170	100
Up to 400	590115.00	400	150	590114.00	160	145
Up to 600	590044.00	400	190	590043.00	210	162

Our standard, 2-Phase solutions with Pilot Contacts

Amperage	Baseplate	Length in mm	Width in mm	Pair w/ Collector	Length in mm	Width in mm
Up to 50	590624.00	280	100	590637.00	220	100
Up to 100	590574.00	280	100	590573.00	180	140
Up to 200	590062.00	400	230	590198.00	220	190

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