Upgrade power supply by non-contact

24V DC/5A
28V DC/4A (For battery charging)

- The connector for power supply to the pallet is no more necessary.
- Due to using PLC on the pallet, communication between pallet side and station side is only necessary at start and end of product line.

Application

Power supply to motor on pallet

- To stop AGV is to start battery-charge.
- As current-carrying part is covered in a case, safety of an operator is defended.

Remote Power Supply System

Parallel coupling
RV/A series
24V/5A and 28V/4A

Remote part:
RVTA-411-25-PU
RVTA-411-44-PU (For battery charging)

Non-metal dust*
OK!

Dirt and waterdrop
OK!

Non-metal partition
OK!

Feature of Remote Power Supply System RV/A

Supply power by non-contact from base part, which is mounted on fixed side and is connected to 100VAC, to Remote part on moving side, and supply 24VDC/5A or 28VDC/4A to unit connecting to Remote part.

Remote part:

RVTA-411-25-PU
RVTA-411-44-PU (For battery charging)

Base part:
RVEA-411-3-PU

Base part:
100V AC

24VDC/5A
28VDC/4A

Remote part:
RVTA

Power supply
100V AC

Driving unit

Don’t adhere to metallic dust and chips.
Please use the driving unit for DC24 +/- 2V.

The total value of the connecting driving unit should not exceed the driving current.

Please be sure that driving current changes depending on operating distance or center offset (Refer to the diagram above).

Wireless Power Supply by B & PLUS K.K.

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