



## **EP1001-9RK Information**

Heisener.com

Part Number EP1001-9RK

Manufacturer Bel Power Solutions

Category Power Supplies - External/Internal (Off-Board)

DC DC Converters

**Description** DC/DC CONVERT 5.1V 35.9A

Package -

For the pricing/inventory/lead time, please contact

us

For Reference Only Website: https://www.heisener.com

E-mail: salesdept@heisener.com



Request a Quote

## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **EP1001-9RK Specifications**

| Manufacturer Part Number         EP1001-9RK           Manufacturer         Bel Power Solutions           Category         Power Supplies - External/Internal (Off-Board)           DC DC Converters           Package         -           Series         Melcher P           Type         Isolated           Voltage - Input (Min)         66V           Voltage - Input (Max)         150V           Number of Outputs         1           Voltage - Output 1         5.1V           Voltage - Output 2         -           Voltage - Output 3         -           Voltage - Output 4         -           Current - Output (Max)         35.9A           Power (Watts)         183W           Applications         ITE (Commercial), Railway           Operating Temperature         -40°C ~ 71°C           Efficiency         87.5%           Mounting Type         Chassis Mount           Package / Case         -           Size / Dimension         6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm)           Report errors?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | •                        |                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------|
| Category         Power Supplies - External/Internal (Off-Board)           DC DC Converters           Package         -           Series         Melcher P           Type         Isolated           Voltage - Input (Min)         66V           Voltage - Input (Max)         150V           Number of Outputs         1           Voltage - Output 1         5.1V           Voltage - Output 2         -           Voltage - Output 3         -           Voltage - Output 4         -           Current - Output (Max)         35.9A           Power (Watts)         183W           Applications         ITE (Commercial), Railway           Operating Temperature         -40°C ~ 71°C           Efficiency         87.5%           Mounting Type         Chassis Mount           Package / Case         -           Size / Dimension         6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Manufacturer Part Number | EP1001-9RK                                               |
| Package         -           Series         Melcher P           Type         Isolated           Voltage - Input (Min)         66V           Voltage - Input (Max)         150V           Number of Outputs         1           Voltage - Output 1         5.1V           Voltage - Output 2         -           Voltage - Output 3         -           Voltage - Output 4         -           Current - Output (Max)         35.9A           Power (Watts)         183W           Applications         ITE (Commercial), Railway           Operating Temperature         -40°C ~ 71°C           Efficiency         87.5%           Mounting Type         Chassis Mount           Package / Case         -           Size / Dimension         6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Manufacturer             | Bel Power Solutions                                      |
| Package         -           Series         Melcher P           Type         Isolated           Voltage - Input (Min)         66V           Voltage - Input (Max)         150V           Number of Outputs         1           Voltage - Output 1         5.1V           Voltage - Output 2         -           Voltage - Output 3         -           Voltage - Output 4         -           Current - Output (Max)         35.9A           Power (Watts)         183W           Applications         ITE (Commercial), Railway           Operating Temperature         -40°C ~ 71°C           Efficiency         87.5%           Mounting Type         Chassis Mount           Package / Case         -           Size / Dimension         6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Category                 | Power Supplies - External/Internal (Off-Board)           |
| Series         Melcher P           Type         Isolated           Voltage - Input (Min)         66V           Voltage - Input (Max)         150V           Number of Outputs         1           Voltage - Output 1         5.1V           Voltage - Output 2         -           Voltage - Output 3         -           Voltage - Output 4         -           Current - Output (Max)         35.9A           Power (Watts)         183W           Applications         ITE (Commercial), Railway           Operating Temperature         -40°C ~ 71°C           Efficiency         87.5%           Mounting Type         Chassis Mount           Package / Case         -           Size / Dimension         6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          | DC DC Converters                                         |
| Type         Isolated           Voltage - Input (Min)         66V           Voltage - Input (Max)         150V           Number of Outputs         1           Voltage - Output 1         5.1V           Voltage - Output 2         -           Voltage - Output 3         -           Voltage - Output 4         -           Current - Output (Max)         35.9A           Power (Watts)         183W           Applications         ITE (Commercial), Railway           Operating Temperature         -40°C ~ 71°C           Efficiency         87.5%           Mounting Type         Chassis Mount           Package / Case         -           Size / Dimension         6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Package                  | -                                                        |
| Voltage - Input (Min)         66V           Voltage - Input (Max)         150V           Number of Outputs         1           Voltage - Output 1         5.1V           Voltage - Output 2         -           Voltage - Output 3         -           Voltage - Output 4         -           Current - Output (Max)         35.9A           Power (Watts)         183W           Applications         ITE (Commercial), Railway           Operating Temperature         -40°C ~ 71°C           Efficiency         87.5%           Mounting Type         Chassis Mount           Package / Case         -           Size / Dimension         6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Series                   | Melcher P                                                |
| Voltage - Input (Max)         150V           Number of Outputs         1           Voltage - Output 1         5.1V           Voltage - Output 2         -           Voltage - Output 3         -           Voltage - Output 4         -           Current - Output (Max)         35.9A           Power (Watts)         183W           Applications         ITE (Commercial), Railway           Operating Temperature         -40°C ~ 71°C           Efficiency         87.5%           Mounting Type         Chassis Mount           Package / Case         -           Size / Dimension         6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Туре                     | Isolated                                                 |
| Number of Outputs       1         Voltage - Output 1       5.1V         Voltage - Output 2       -         Voltage - Output 3       -         Voltage - Output 4       -         Current - Output (Max)       35.9A         Power (Watts)       183W         Applications       ITE (Commercial), Railway         Operating Temperature       -40°C ~ 71°C         Efficiency       87.5%         Mounting Type       Chassis Mount         Package / Case       -         Size / Dimension       6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Voltage - Input (Min)    | 66V                                                      |
| Voltage - Output 15.1VVoltage - Output 2-Voltage - Output 3-Voltage - Output 4-Current - Output (Max)35.9APower (Watts)183WApplicationsITE (Commercial), RailwayOperating Temperature-40°C ~ 71°CEfficiency87.5%Mounting TypeChassis MountPackage / Case-Size / Dimension6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Voltage - Input (Max)    | 150V                                                     |
| Voltage - Output 3 - Voltage - Output 4 - Current - Output (Max) 35.9A Power (Watts) 183W Applications ITE (Commercial), Railway Operating Temperature -40°C ~ 71°C Efficiency 87.5% Mounting Type Chassis Mount Package / Case - Size / Dimension 6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Number of Outputs        | 1                                                        |
| Voltage - Output 3  Voltage - Output 4  - Current - Output (Max)  Power (Watts)  Applications  Operating Temperature  Efficiency  Mounting Type  Chassis Mount  Package / Case  Size / Dimension  - Current - Output (Max)  -  183W  183W  Applications  ITE (Commercial), Railway  -40°C ~ 71°C  Efficiency  87.5%  Chassis Mount  6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Voltage - Output 1       | 5.1V                                                     |
| Voltage - Output 4  Current - Output (Max)  35.9A  Power (Watts)  Applications  ITE (Commercial), Railway  Operating Temperature  -40°C ~ 71°C  Efficiency  87.5%  Mounting Type  Chassis Mount  Package / Case  Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Voltage - Output 2       | -                                                        |
| Current - Output (Max)  Power (Watts)  Applications  ITE (Commercial), Railway  Operating Temperature  -40°C ~ 71°C  Efficiency  87.5%  Mounting Type  Chassis Mount  Package / Case  Size / Dimension  35.9A  183W  Commercial), Railway  -40°C ~ 71°C  Chassis Mount  183W  Applications  -40°C ~ 71°C  Chassis Mount  Chassis Mount  183W  -40°C ~ 71°C  -40° |                          | -                                                        |
| Power (Watts)  Applications  ITE (Commercial), Railway  Operating Temperature  -40°C ~ 71°C  Efficiency  87.5%  Mounting Type  Chassis Mount  Package / Case  Size / Dimension  183W  Commercial), Railway  -40°C ~ 71°C  Chasilway  -40°C ~ 71°C  Chasilway  -40°C ~ 71°C   | Voltage - Output 4       | -                                                        |
| Applications ITE (Commercial), Railway  Operating Temperature -40°C ~ 71°C  Efficiency 87.5%  Mounting Type Chassis Mount  Package / Case -  Size / Dimension 6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Current - Output (Max)   | 35.9A                                                    |
| Operating Temperature -40°C ~ 71°C  Efficiency 87.5%  Mounting Type Chassis Mount  Package / Case -  Size / Dimension 6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Power (Watts)            | 183W                                                     |
| Efficiency 87.5%  Mounting Type Chassis Mount  Package / Case -  Size / Dimension 6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Applications             | ITE (Commercial), Railway                                |
| Mounting Type Chassis Mount  Package / Case - Size / Dimension 6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Operating Temperature    | -40°C ~ 71°C                                             |
| Package / Case - Size / Dimension 6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Efficiency               | 87.5%                                                    |
| Size / Dimension 6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mounting Type            | Chassis Mount                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Package / Case           | -                                                        |
| Report errors?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Size / Dimension         | 6.73" L x 4.37" W x 0.78" H (171.0mm x 111.0mm x 19.8mm) |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          | Report errors?                                           |

#### **EP1001-9RK Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## **EP1001-9RK Payment Methods**



















## **EP1001-9RK Shipping Methods**













If you have any question about EP1001-9RK, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com