



**Product information**  
**PC150/36V/48V-IP67**  
**943 968-001**

|   |   |
|---|---|
| <b>Name</b>   |   |
| PC150/36V/48V-IP67  |   |
|  |   |
| DC/DC converter with 48 V power output  |   |
| <b>Delivery informations</b>  |   |
| <b>Availability</b>   | available   |
| <b>Product description</b>  |   |
| <b>Description</b>  | DC/DC converter with 48 V power output            |
| <b>Type</b>   | PC150/36V/48V-IP67                                |
| <b>Order No.</b>  | 943 968-001                                       |
| <b>More Interfaces</b>  |   |
| <b>Voltage input</b>  | 1.1 m cable                                       |
| <b>Voltage output</b>   | 0.5 m cable with M12-connector A-Coded            |
| <b>Power requirements</b>   |   |
| <b>Operating voltage</b>  | 16.8 VDC to 64 VDC                                |
| <b>Input data</b>   |   |
| <b>230 V</b>  | 16.8 VDC to 64 VDC                                |
| <b>Current consumption</b>  |   |
| <b>230 V</b>  | max. 8.929 A at 16.8 VDC max. 2.344 A at 64 VDC   |
| <b>Activation current</b>   | n/a   |
| <b>Output data</b>  |   |
| <b>Output voltage</b>   | 48 V DC   |
| <b>Output current</b>   |   |
| <b>230 V</b>  | max. 3.125 A at 48 V DC                           |
| <b>Service</b>  |   |
| <b>Diagnostics</b>  | n/a   |
| <b>Redundancy</b>   |   |
| <b>Redundancy functions</b>   | n/a   |
| <b>Ambient conditions</b>   |   |
| <b>Operating temperature</b>  | -40 °C to +70 °C                                  |
| <b>Storage/transport temperature</b>  | -55 °C to +85 °C                                  |
| <b>Relative humidity (non-condensing)</b>   | max. 100 % with condensing                        |
| <b>MTBF</b>   | n/a   |
| <b>Mechanical construction</b>  |   |
| <b>Dimensions (W x H x D)</b>   | 240 mm x 65 mm x 115 mm                           |
| <b>Mounting</b>   | Wall mounting                                     |
| <b>Weight</b>   | 3.1 kg  |
| <b>Protection class</b>   | IP 67   |
| <b>EMC interference immunity</b>  |   |
| <b>EN 50082-1</b>   | EN 61000-6-1                                      |
| <b>EN 50082-2</b>   | EN 61000-6-2                                      |
| <b>EMC emitted immunity</b>   |   |
| <b>EN 50081-1</b>   | 61000-6-3, 61000-6-4, EN 55011, EN 55022 Klasse A |
| <b>EN 50081-2</b>   | EN 61000-3-2                                      |
| <b>Approvals</b>  |   |
| <b>Safety of information technology equipment</b>                                 | cUL 60950-1 (pending)                             |
| <b>Railway norm</b>   | EN 50121-4, EN50155                               |

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