

Input

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| Input voltage range | 80-160VDC |
| Inrush current | max. 16ADC limited by NTC 10Ω |
| Fuse | 4 AT externally |
| No-load input current | app. 40mA at 110VDC |
| Switch-on time | typ. 2s |
| Hold-up time | typ. 15ms at 110VDC |
| Polarity protection | yes |
| Turn on/off | ≤ 76 VDC / ≥ 168VDC |
| Spikes | acc. EN 61000-4-5, Class 3 |
| Bursts | acc. EN 61000-4-4, Level 3 |

Output

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| Output voltage | 48VDC standard setting, (adjustable from 42VDC to 56VDC only by factory). |
| Output current | 4ADC up to 50VDC, Uout >50VDC 3,6ADC |
| Line regulation, Load regulation | < ±2%, measured directly at the connection terminal |
| Ripple | <500mV p-p typ |
| Response time | typ. 2ms |
| Load transient 10-100-10% | typ. 6% |
| On/off overshoot | none |
| Overload protection | electronically |
| Over voltage protection | > 60VDC switch off, not automatic return, no effect on external over voltage |
| Decoupling Diode | in the output |
| Alarm Signals | over potential free contacts, when Uout is <40VDC (NOC=open, NCC=closed). |

General

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|-------------------------|--|
| Operating temperature | -25°C to +55°C Derating 2,5% /°C for temperature +55°C up to max. 75°C necessary. |
| Storage temperature | -40°C to +85°C |
| Humidity | 75% without condensation, |
| Efficiency at full load | >90%, |
| Power dissipation | app. 28W |

Construction / Isolation

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|--------------------|--|
| RFI-interference | acc. EN 55011 Class "A" |
| EMC / CE | EN 61000-6-4, EN 61000-6-2 Grounding of input and/or output potentials and/or connecting input to output may cause changes of EMC and/or ripple values. |
| Protection class | I acc. EN 61140 |
| Visual Indications | green LED Uout = Output voltage ok (DC ok.) |
| Case | for rail mount, 35mm rail EN50022, Alu varnished, RAL7035 |
| Connection | plug-in terminals on front panel |
| Weight | app. 1,5kg |