

Input

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|-----------------------|-------------------------------------|
| Input voltage range | 17 - 75VDC |
| Inrush current | max. 30ADC limited by NTC |
| No-load input current | app. 380mA at U _{in} 24VDC |
| Switch-on time | typ. 1s |
| Hold-up time | > 5ms at 48VDC and nominal load |
| Polarity protection | existing |
| Fuse | 10AT provided external |
| Turn on | U _{in} ≥ 15,5VDC |
| Spikes | acc. EN 61000-4-5, Class 3 |
| Bursts | acc. EN 61000-4-4, Level 3 |

Output

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| Output voltage | 220VDC standard setting, (adjustable from 200VDC to 250VDC only by factory). |
| Output current at U _{in} > 35VDC | 0,8ADC up to U _{out} 250VDC |
| U _{in} < 35VDC | 0,4ADC up to U _{out} 250VDC |
| Line regulation/ Load regulation | < ±2%, measured directly at the connection terminal |
| Ripple | <2200mV p-p typ |
| Response time | typ. 2ms |
| Load transient 10-100-10% | typ. 6% |
| On/off overshoot | none |
| Overload protection | electronically |
| Over voltage protection | > 275VDC switch off, not automatic return, no effect on external over voltage |
| Decoupling Diode | in the output |
| Alarm Signals | over potential free contacts, when U _{out} is <175VDC (NOC=open, NCC=closed). |

General

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|-------------------------|---|
| Operating temperature | -20°C to +75°C temperature > +55°C automatically derating of output current to 50% |
| Storage temperature | -40°C to +85°C |
| Humidity | max. 75% without condensation, |
| Efficiency at full load | >80%, |
| Power dissipation | app. 32W |

Construction

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|--------------------|---|
| Isolation | acc. EN 50178, EN 60950, Class I |
| RFI-interference | acc. EN 50178, EN 60950 |
| EMC / CE | acc. EN 55011 Class "A" 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 U _{out} = Output voltage ok (DC ok.) |
| Case | 19" cassette, 3U, 14TE, depth app. 166mm, elox alu front panel, RAL7035 |
| Connection | Connector H15 |
| Weight | app. 1,5 kg |