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| Residual ripple | < 40 mV _{pp} (20 MHz) |
| Peak switching voltages idling | < 20 mV _{pp} (20 MHz) |
| Peak switching voltages nominal load | < 20 mV _{pp} (20 MHz) |
| Maximum power dissipation idling | 1.5 W |
| Power loss nominal load max. | 6.5 W |

General data

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|--|---|
| Width | 35 mm |
| Height | 99 mm |
| Depth | 95 mm |
| Net weight | 0.25 kg |
| Operating voltage display | Green LED |
| Efficiency | > 84 % (for 230 V AC and nominal values) |
| Insulation voltage input/output | 3 kV (routine test) 4 kV (type test) |
| Degree of protection | IP20 |
| Protection class | II (in an enclosed control cabinet) |
| MTBF (IEC 61709, SN 29500) | > 500000 h |
| Ambient temperature (operation) | -25 °C ... 70 °C (> 60 °C derating) |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |
| Max. permissible relative humidity (operation) | ≤ 95 % (at 25 °C, no condensation) |
| Mounting position | horizontal DIN rail NS 35, EN 60715 |
| Assembly instructions | Can be aligned: Horizontally 0 mm, vertically 50 mm |
| Electromagnetic compatibility | Conformance with EMC Directive 2004/108/EC |
| Noise emission | EN 50081-2 |
| Noise immunity | EN 61000-6-2:2005 |
| Low Voltage Directive | Conformance with LV directive 2006/95/EC |
| Standard – Electrical equipment of machines | EN 60204 |
| Standard - Safety of transformers | EN 61558-2-17 |
| Standard - Electrical safety | EN 60950-1/VDE 0805 (SELV) |
| Standard – Electronic equipment for use in electrical power installations and their assembly into electrical power installations | EN 50178/VDE 0160 (PELV) |
| Standard – Safety extra-low voltage | EN 60950-1 (SELV) and EN 60204 (PELV) |
| Standard - Safe isolation | DIN VDE 0100-410 DIN VDE 0106-1010 |

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| Standard – Protection against shock currents, basic requirements for protective separation in electrical equipment | DIN VDE 0106-101 |
| Standard – Limitation of mains harmonic currents | EN 61000-3-2 |
| UL approvals | UL/C-UL listed UL 508 |
| | UL/C-UL Recognized UL 60950 |
| | UL/C-UL Listed UL 1604 Class I, Division 2, Groups A, B, C, D |
| Surge voltage category | III |

Connection data, input

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|--|----------------------------|
| Connection method | Pluggable screw connection |
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 12 |
| Stripping length | 7 mm |
| Screw thread | M3 |

Connection data, output

| | |
|--|----------------------------|
| Connection method | Pluggable screw connection |
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 12 |
| Stripping length | 7 mm |

Signaling

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|---------------------------|---|
| Output name | DC OK floating |
| Output description | $U_{OUT} > 21.5 \text{ V}$: Contact closed |
| Maximum switching voltage | $\leq 30 \text{ V AC/DC}$ |
| Output voltage | 30 V AC/DC |
| Continuous load current | $\leq 1 \text{ A}$ |
| Status display | "DC OK" LED green |
| Note on status display | $U_{OUT} > 21.5 \text{ V}$: LED lights up |