

## Input

Input voltage range	38 - 62VDC
Inrush current	max. 25ADC limited by NTC 2,5Ω
No-load input current	app. 100mA at 48VDC
Switch-on time	typ. 2s
Hold-up time	typ. 4ms at 48VDC and nominal load
Polarity protection	cross diode in the input <b>with fusing (external):</b> <b>MCB 10A, B-characteristic or fuse 8A</b>
Turn on/off	≤ 35 VDC / ≥ 65VDC
Spikes	acc. EN 61000-4-5, Class 3
Bursts	acc. EN 61000-4-4, Level 3

## Output

Output voltage	60VDC standard setting, (adjustable from 53VDC to 70VDC only by factory).
Output current	2,5ADC up to Uout 61VDC, >61VDC 2,1ADC
Line regulation/	
Load regulation	< ±2%, measured directly at the connection terminal
Ripple	<600mV p-p typ
Response time	typ. 2ms
Load transient 10-100-10%	typ. 6%
On/off overshoot	none
Overload protection	electronically
Over voltage protection	> 75VDC switch off, not automatic return, no effect on external over voltage
Sense lines	Externally, on connector (function without connected Sense possible)
Decoupling Diode	in the output
Alarm Signals	over potential free contacts, when Uout is <50VDC (NOC=open, NCC=closed).

## General

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	max. 75% without condensation,
Efficiency at full load	>85%,
Power dissipation	app. 30W

## Construction / Isolation

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	19" cassette, 3U, 14TE, depth app. 166mm, elox alu front panel, RAL7035
Connector	Connector H15
Weight	app. 1kg