

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 with fusing (external): MCB 10A, B-characteristic or fuse 8A
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	48VDC standard setting, (adjustable from 42VDC to 56VDC only by factory).
Output current	3ADC up to Uout 50VDC, > 50VDC 2,7ADC
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
Sense lines	Externally, on connector (function without connected Sense possible)
Decoupling Diode	in the output
Alarm Signals	over potential free contacts, when Uout is <40VDC (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 61010, SELV acc. EN 55011Class "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
Connection	Connector H15
Weight	app. 1kg