

Input

Input voltage range	160-280VDC
Inrush current	max. 40ADC limited by NTC 7 Ω
Fuse	6,3 AT externally
No-load input current	app. 25mA at 220VDC
Switch-on time	typ. 2s
Hold-up time	typ. 15ms at 220VDC
Polarity protection	yes
Turn on/off	$\leq 144\text{VDC} / \geq 294\text{VDC}$
Spikes	acc. EN 61000-4-5, Class 3
Bursts	acc. EN 61000-4-4, Level 3

Output

Output voltage	24VDC standard setting, (adjustable from 21VDC to 28VDC only by factory).
Output current	14ADC up to Uout 25VDC, >25VDC 12.5ADC
Boost Function	max. output current app. 56ADC for $10\text{ms} \leq t \leq 15\text{ms}$
Line regulation/ Load regulation	< 2%, measured directly at the connection terminal
Ripple	<250mV p-p typ
Response time	typ. 2ms
Load transient 10-100-10%	typ. 6%
On/off overshoot	none
Overload protection	electronically
Over voltage protection	> 30 VDC 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 <20VDC (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.
Over temperature protection	unit switch off if internally temperature is too high, automatically switch on after cooling
Storage temperature	-40°C to +85°C
Humidity	75% without condensation,
Efficiency at full load	>90%,
Power dissipation	app. 68W
Over temperature protection	shut off, at hot spot off about 100°C. Automatically restart after cooling down.

Construction / Isolation

RFI-interference	acc. EN 61010, SELV 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, 28TE, depth app. 166mm, elox alu front panel, RAL7035
Connection	Connector H15
Weight	app. 1kg