● on slow fluctuation of input voltage	0.2 %
● on slow fluctuation of ohm loading	0.4 %
residual ripple	
● maximum	150 mV
● typical	30 mV
voltage peak	
● maximum	240 mV
● typical	150 mV
display version for normal operation	Green LED for 24 V OK
behavior of the output voltage when switching on	No overshoot of Vout (soft start)
response delay maximum	3 s
voltage increase time of the output voltage	
● typical	5 ms
output current	
● rated value	2 A
● rated range	0 ... 3 A; 3 A to +60 °C with Ue > 24 V
supplied active power typical	48 W
short-term overload current	
● on short-circuiting during the start-up typical	9 A
● at short-circuit during operation typical	9 A
duration of overloading capability for excess current	
● on short-circuiting during the start-up	270 ms
● at short-circuit during operation	270 ms
bridging of equipment	Yes
number of parallel-switched equipment resources for increasing the power	2
efficiency	
efficiency in percent	75 %
power loss [W]	
● at rated output voltage for rated value of the output current typical	16 W
closed-loop control	
relative control precision of the output voltage with rapid fluctuation of the input voltage by +/- 15% typical	0.3 %
relative control precision of the output voltage load step of resistive load 50/100/50 % typical	2.5 %
setting time	
● load step 50 to 100% typical	2.5 ms
● load step 100 to 50% typical	2.5 ms
setting time	
● maximum	5 ms
protection and monitoring	
design of the overvoltage protection	Additional control loop, shutdown at approx. 30 V, automatic restart
property of the output short-circuit proof	Yes
design of short-circuit protection	Electronic shutdown, automatic restart
response value current limitation	3.3 ... 3.9 A
enduring short circuit current RMS value	
● maximum	2 A
safety	
galvanic isolation between input and output	Yes
galvanic isolation	Output voltage: SELV, ES1 (IEC 62368-1), DVC As (IEC 61204-7)
operating resource protection class	Class I
protection class IP	IP20
EMC	
standard	
● for emitted interference	EN 55011 Class A
● for mains harmonics limitation	not applicable
● for interference immunity	EN 61000-6-2
standards, specifications, approvals	

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