Control deviation	≤ 2 %
Residual ripple	≤ 60 mV (peak-to-peak)
Overload behavior	Hiccup

Signaling and communication

Signaling	1 x Status indication LED (green)
Operation status indicator	Green LED (U_o)

Efficiency/Power losses:

Power loss P_l	≤ 0,5 W (230 VAC; No load); ≤ 4 W (230 VAC; Nominal load)
Power loss (max.) $P_{l\,(max.)}$	5 W (110 VAC / 24 VDC; 1.35 A)
Efficiency (typ.)	88 %

Fuse protection:

Internal fuse	T 1.25 A / 250 VAC
Recommended backup fusing	Circuit breaker: 16 A; Tripping characteristic: B or C

Safety and protection:

Isolation voltage (Pri.-Sec.)	DC 3,5 kV
Isolation voltage (Pri.-GND)	DC 1,4 kV
Isolation voltage (Sec.-GND)	DC 0,5 kV
Protection class	I
Protection type	IP20 (per EN 60529)
Resistance to reverse feed	≤ DC 32 V
Overvoltage category	III
Overvoltage protection; secondary	≤ 32 VDC (in the event of a fault)
Short-circuit-protected	Yes
Open-circuit-proof	Yes
Parallel operation	Yes
Series operation	Yes
MTBF	> 2,500,000 h (per EN/IEC 61709 at +40 °C)

Connection data

Connection type (1)	Input
Connection technology	Push-in CAGE CLAMP®

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

WAGO Connector	WAGO 804 Series
Solid conductor	0,25 … 2,5 mm² / 20 … 12 AWG
Fine-stranded conductor	0,25 … 2,5 mm² / 22 … 12 AWG
Strip length	10 … 11 mm / 0.39 … 0.43 inch
Connection type 2	Output
Connection technology 2	Push-in CAGE CLAMP®
WAGO Connector 2	WAGO 805 Series
Solid conductor 2	0,2 … 1,5 mm² / 24 … 16 AWG
Fine-stranded conductor 2	0,2 … 1,5 mm² / 24 … 16 AWG
Strip length 2	9 … 10 mm / 0.35 … 0.39 inch

Geometrical Data

Width	36 mm / 1.417 inch
Height	90 mm / 3.543 inch
Depth	62 mm / 2.441 inch
Depth from upper edge of DIN-rail	55 mm / 2.165 inch

Mechanical data

Mounting type	DIN-35 rail (EN 60715)

Material Data

Flammability class per UL94	V0
Weight	120 g

Environmental Requirements

Surrounding air temperature (operation)	-20 … 70 °C (Nominal mounting position; −20 … +55 °C (in any mounting position))
Surrounding air temperature (storage)	-40 … 85 °C
Relative humidity	5 … 96 % (no condensation permissible)
Derating	-1.7 %/K (> 55 °C)
Pollution degree	2
Climatic category	3K3 (per EN 60721)

Standards and specifications

Conformity marking	CE
Standards/specifications	EN 61204-3; EN 61010-1; EN 61010-2-201; cULus 61010-1; cULus

Subject to changes. Please also observe the further product documentation!

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