Discharge current	≤ 0,25 mA
Inrush current	≤ 30 A (NTC)
Power factor	≥ 0,5
Power factor correction (PFC)	None
Mains failure hold-up time	≥ 100 ms (230 VAC)

Output

Nominal output voltage $U_{o\ nom}$	DC 24 V (SELV)
Nominal output current $I_{o\ nom}$	0,5 A
Nominal output power	12 W
Control deviation	≤ 1 %
Deviation, dynamic load change 10 … 90 %	≤ 1 %
Residual ripple	≤ 100 mV (peak-to-peak)
Overload behavior	shutdown and automatic restart in the event of a short circuit

Signaling and communication

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

Efficiency/Power losses:

Power loss P_l	≤ 0,2 W (230 VAC; No load)
Power loss (max.) $P_{l\ (max.)}$	2,5 W (100 VAC / 24 VDC; 0.5 A)
Efficiency (typ.)	83 % (230 VAC; nominal load); 82 % (110 VAC; nominal load)

Fuse protection:

Internal fuse	T 1 A / 250 VAC
Required backup fusing	An external DC fuse is required for the DC input voltage.
Recommended backup fusing	Circuit breaker: 6 A (C characteristic), 10 A (B characteristic) or higher

Safety and protection:

Isolation voltage (Pri.-Sec.)	DC 4,242 kV
Protection class	II
Protection type	IP20 (per EN 60529)
Resistance to reverse feed	≤ DC 31 V

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

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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.

Overvoltage category	II
Transient suppression (primary)	Yes
Overvoltage protection; secondary	≤ 31 VDC (in the event of a fault)
Short-circuit-protected	Yes
Open-circuit-proof	Yes
Parallel operation	No
Series operation	Yes, for 2 devices of the same type
MTBF	> 700,000 h (per IEC 61709)

Connection data

Connection type (1)	Input
Connection technology	Push-in CAGE CLAMP®
WAGO Connector	picoMAX® 5.0, WAGO 2092 Series
Solid conductor	0,2 … 2,5 mm² / 24 … 12 AWG
Fine-stranded conductor	0,2 … 2,5 mm² / 24 … 12 AWG
Strip length	9 … 10 mm / 0.35 … 0.39 inch
Connection type 2	Output
Connection technology 2	Push-in CAGE CLAMP®
WAGO Connector 2	picoMAX® 3.5 (WAGO 2091 Series)
Solid conductor 2	0,2 … 1,5 mm² / 24 … 14 AWG
Fine-stranded conductor 2	0,2 … 1,5 mm² / 24 … 14 AWG
Strip length 2	8 … 9 mm / 0.31 … 0.35 inch

Geometrical Data

Width	18 mm / 0.7 inch
Height	90 mm / 3.543 inch
Depth	55 mm / 2.165 inch
Depth from upper edge of DIN-rail	52,5 mm / 2.067 inch

Mechanical data

Mounting type	DIN-35 rail (EN 60715) Screw mount (back/side)

Material Data

Flammability class per UL94	V2

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