



Discharge current	$\leq 0,25 \text{ mA}$
Inrush current	$\leq 30 \text{ A (NTC)}$
Power factor	$\geq 0,5$
Power factor correction (PFC)	None
Mains failure hold-up time	$\geq 100 \text{ ms (230 VAC)}$

Output

Nominal output voltage $U_{o \text{ nom}}$	DC 24 V (SELV)
Nominal output current $I_{o \text{ nom}}$	0,5 A
Nominal output power	12 W
Control deviation	$\leq 1 \%$
Deviation, dynamic load change 10 ... 90 %	$\leq 1 \%$
Residual ripple	$\leq 100 \text{ mV (peak-to-peak)}$
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	$\leq 0,2 \text{ W (230 VAC; No load)}$
Power loss (max.) $P_{l \text{ (max.)}}$	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	$\leq \text{DC } 31 \text{ V}$

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



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)
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Material Data

Flammability class per UL94	V2
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