Output

Nominal output voltage $U_{o\ nom}$	DC 12 V (SELV)
Output voltage range	DC 10 … 14 V (adjustable)
Factory preset	DC 12 V
Nominal output current $I_{o\ nom}$	4 A (12 VDC; 110 … 240 VAC); 3,2 A (12 VDC; 100 … 240 VAC)
Nominal output power	48 W
Adjustment accuracy	≤ 1 %
Residual ripple	≤ 150 mV (peak-to-peak)
Overload behavior	Constant power (in overload range: 1.05 … 1.4 x $I_{o\ nom}$); Shutdown and automatic restart in the event of a short circuit

Signaling and communication

Signaling	1 x LED DC OK (green)
Operation status indicator	Green LED (U_o)

Efficiency/Power losses:

Efficiency (typ.)	80 % (230 VAC; 4 ADC)

Fuse protection:

Internal fuse	F 2 A / 250 VAC
External fuse (required)	An external DC fuse is required for the DC input voltage.
External fuse (recommended)	Circuit breaker: B6, B10

Safety and protection:

Insulation voltage (PRI-SEC)	DC 4,242 kV
Isolation voltage (PRI-GND)	DC 2,2 kV
Insulation voltage (SEC-GND)	DC 0,7 kV
Protection class	I
Protection class	IP20 (per EN 60529)
Feedback voltage	≤ DC 14 V
Overvoltage category	II
Transient protection, primary	Varistor
Short circuit protection	Yes
No-load proof	Yes
Parallel operation	Yes

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

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at {0}.

Series connection	Yes, for 2 devices of the same type
MTBF	> 300,000 h (per IEC 61709)

Connection data

Connection type (1)	Input/Output
Connection technology	CAGE CLAMP®
WAGO terminal	WAGO 236 Series
Solid conductor	0,08 … 2,5 mm² / 28 … 12 AWG
Fine-stranded conductor	0,08 … 2,5 mm² / 28 … 12 AWG
Strip length	6 … 7 mm / 0.24 … 0.28 inch
Note (conductor cross-section)	12 AWG: THHN, THWN

Geometrical Data

Width	40 mm / 1.575 inch
Height	90 mm / 3.543 inch
Length from upper-edge of DIN-35 rail	99 mm / 3.898 inch

Mechanical data

Type of mounting	DIN-35 rail (EN 60715) Screw mount

Material Data

Weight	250 g

Environmental Requirements

Surrounding air (operating) temperature	-20 … 60 °C
Surrounding air (storage) temperature	-25 … 75 °C
Relative humidity	10 … 95 % (no condensation permissible)
Derating	-4 %/K (> 45 °C)
Pollution degree	2
Climatic category	3K3 (per EN 60721)

Standards and specifications

Conformity marking	CE
Standards/specifications	EN 61204-3; EN 60335-1; EN 61558-2-6; EN 62368-1

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

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at {0}.