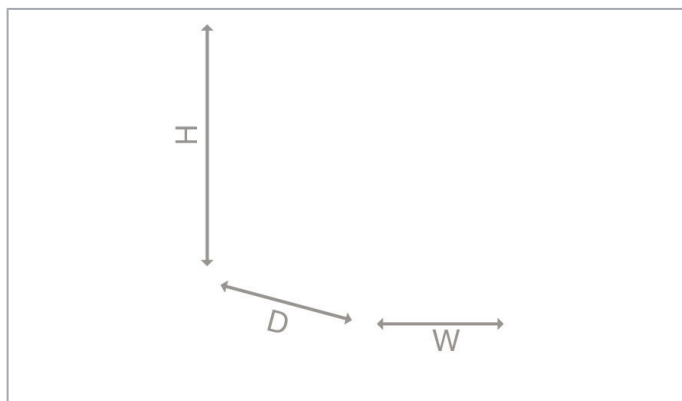
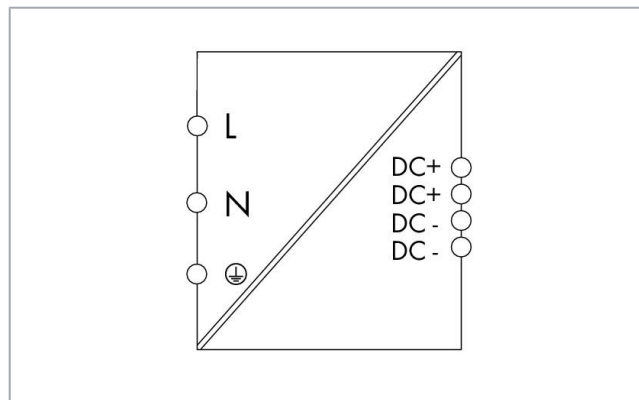
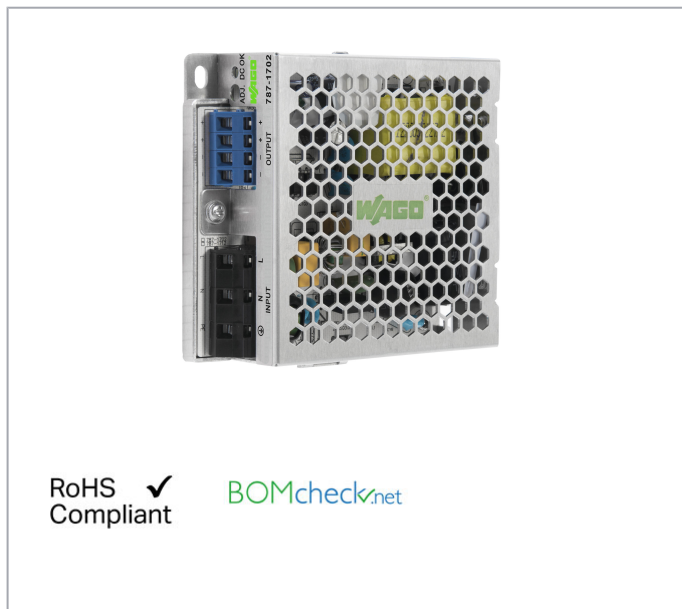


## Информационен лист | Номер на артикул: 787-1702

Switched-mode power supply; Eco; 1-phase; 24 VDC output voltage; 1.25 A output current; DC-OK LED



[www.wago.com/787-1702](http://www.wago.com/787-1702)



### Описание на артикула

#### Features:

- Switched-mode power supply
- Natural convection cooling when horizontally mounted
- Encapsulated for use in control cabinets
- Suitable for both parallel and series operation
- Electrically isolated output voltage (SELV) per EN 60335-1 and UL 60950-1; PELV per EN 60204
- DIN-35 rail mountable in different positions

—  
Подлежи на промяна. Моля, обърнете внимание и на допълнителната документация на продукта!

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- Direct installation on mounting plate via cable grip

## Данни Technical Data

### Input

Phases	1
Nominal input voltage $U_{i\text{nom}}$	AC 100 ... 240 V
Input voltage range	AC 90 ... 264 V; DC 125 ... 375 V
Nominal mains frequency range	47 ... 63 Hz; 0 Hz
Input current $I_i$	$\leq 0,3\text{ A}$ (230 VAC); $\leq 0,6\text{ A}$ (115 VAC)
Discharge current	$\leq 1,5\text{ mA}$
Inrush current	$\leq 18\text{ A}$
Power factor correction (PFC)	Passive
Mains failure hold-up time	$\geq 10\text{ ms}$ (230 VAC)

### Output

Nominal output voltage $U_{o\text{nom}}$	DC 24 V (SELV)
Output voltage range	DC 22 ... 26 V (adjustable)
Default setting	DC 24 V
Nominal output current $I_{o\text{nom}}$	1,25 A (24 VDC; 110 ... 240 VAC); 1 A (24 VDC; 100 ... 240 VAC)
Nominal output power	30 W
Control deviation	$\leq 1\%$
Residual ripple	$\leq 200\text{ mV}$ (Peak-to-peak)
Overload behavior	Constant power (in overload range: $1.05 \dots 1.4 \times I_{o\text{nom}}$ ); 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.)	87 % (230 VAC; 1.25 ADC)
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## Circuit protection

Internal fuse	F 1 A / 250 VAC
Required backup fusing	An external DC fuse is required for the DC input voltage.
Recommended backup fusing	Circuit breaker: B6, B10

## Safety and protection

Isolation voltage (Pri.-Sec.)	DC 4,242 kV
Isolation voltage (Pri.-GND)	DC 2,2 kV
Isolation voltage (Sec.-GND)	DC 0,7 kV
Protection class	I
Protection type	IP20 (per EN 60529)
Resistance to reverse feed	≤ DC 30 V
Overvoltage category	II
Transient suppression (primary)	Varistor
Short-circuit-protected	Yes
Open-circuit-proof	Yes
Parallel operation	Yes
Series operation	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 Connector	WAGO 236 Series
Solid conductor	0,08 ... 2,5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0,08 ... 2,5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length	6 ... 7 mm / 0.24 ... 0.28 inch
Note (conductor cross-section)	12 AWG: THHN, THWN

## Physical data

Width	30 mm / 1.181 inch
Height	90 mm / 3.543 inch
Depth from upper edge of DIN-rail	99 mm / 3.898 inch

## Mechanical data

Mounting type	DIN-35 rail
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Screw mount

## Material Data

Weight	300 g
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## Environmental Requirements

Surrounding air temperature (operation)	-20 ... 60 °C
Surrounding air temperature (storage)	-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 62368-1; UL 60950-1; UL 508

## Commercial data

Packaging type	BOX
Country of origin	CN
GTIN	4055143372459
Customs tariff number	85044082900

## Одобрения / Сертификати

### UL-Approvals

Лого	Одобрение	Допълнителен текст за одобрение	Име на сертификат
	UL Underwriters Laboratories Inc.	UL 508	E255817
	UL Underwriters Laboratories Inc.	UL 60950-1	E255815

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## Съставни части

## Съвместими продукти

## tools



Артикул №: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

[www.wago.com/210-720](http://www.wago.com/210-720)

Артикул №: 210-769

SCREWDRIVER; green

[www.wago.com/210-769](http://www.wago.com/210-769)

## Marking accessories



Артикул №: 210-831

Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white

[www.wago.com/210-831](http://www.wago.com/210-831)

Артикул №: 210-832

Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

[www.wago.com/210-832](http://www.wago.com/210-832)

## ferrule



Артикул №: 216-201

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white[www.wago.com/216-201](http://www.wago.com/216-201)

Артикул №: 216-202

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray[www.wago.com/216-202](http://www.wago.com/216-202)

Артикул №: 216-203

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red[www.wago.com/216-203](http://www.wago.com/216-203)

Артикул №: 216-204

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black[www.wago.com/216-204](http://www.wago.com/216-204)

Артикул №: 216-221

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white[www.wago.com/216-221](http://www.wago.com/216-221)

Артикул №: 216-222

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray[www.wago.com/216-222](http://www.wago.com/216-222)

Артикул №: 216-223

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red[www.wago.com/216-223](http://www.wago.com/216-223)

Артикул №: 216-224

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black[www.wago.com/216-224](http://www.wago.com/216-224)

Артикул №: 216-241

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white[www.wago.com/216-241](http://www.wago.com/216-241)

Артикул №: 216-242

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray[www.wago.com/216-242](http://www.wago.com/216-242)

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	<b>Артикул №: 216-243</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	<a href="http://www.wago.com/216-243">www.wago.com/216-243</a>
	<b>Артикул №: 216-244</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	<a href="http://www.wago.com/216-244">www.wago.com/216-244</a>
	<b>Артикул №: 216-262</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	<a href="http://www.wago.com/216-262">www.wago.com/216-262</a>
	<b>Артикул №: 216-263</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	<a href="http://www.wago.com/216-263">www.wago.com/216-263</a>
	<b>Артикул №: 216-264</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	<a href="http://www.wago.com/216-264">www.wago.com/216-264</a>
	<b>Артикул №: 216-284</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	<a href="http://www.wago.com/216-284">www.wago.com/216-284</a>
	<b>Артикул №: 216-301</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow	<a href="http://www.wago.com/216-301">www.wago.com/216-301</a>
	<b>Артикул №: 216-302</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated; green	<a href="http://www.wago.com/216-302">www.wago.com/216-302</a>
	<b>Артикул №: 216-321</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow	<a href="http://www.wago.com/216-321">www.wago.com/216-321</a>
	<b>Артикул №: 216-322</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated; green	<a href="http://www.wago.com/216-322">www.wago.com/216-322</a>

**Изтегляния****Documentation****Bid Text**

787-1702 X81 - Datei	Oct 1, 2019	xml 7,0 kB	Изтегляне
787-1702 docx - Datei	Oct 1, 2019	docx 21,0 kB	Изтегляне

**Instruction Leaflet**

EPSITRON ECO Power Switched-Mode Power Supplies 24 VDC, 1.25 A	V 1.3	pdf 322,2 kB	Изтегляне
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**Additional Information**

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Disposal; Electrical and electronic equipment, Packaging

V 1.0.0

pdf  
265,8 kB

Изтегляне

## CAD/CAE-Data

### CAD data

2D/3D Models 787-1702

URL

Изтегляне

### CAE data

EPLAN Data Portal 787-1702

URL

Изтегляне

WSCAD Universe 787-1702

URL

Изтегляне

ZUKEN Portal 787-1702

URL

Изтегляне

## Бележки за инсталиране

## Семейство продукти

### Есо

Показване на всички продукти от семейството.

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