

## Data sheet | Item number: 787-976

Transformer power supply; Input voltage: 230 VAC; Output voltage: 12 ... 24 VAC; Output power: 63 VA



[www.wago.com/787-976](http://www.wago.com/787-976)



### Item description

#### Features:

- Maintenance-free, DIN-rail-mount safety transformer for 12/24 VAC
- Center tap-off modules provide variable input/output voltage.
- Enables brief performance peaks
- Peak output power of 70 VA for 1 min/h

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.

## Data

### Technical data

#### Input

Phases	1
Nominal input voltage $U_{i\text{ nom}}$	1 x AC 115 V; AC 230 V
Input voltage range	1 x AC 0 ... 230 V
Nominal mains frequency range	50 ... 60 Hz

#### Output

Nominal output voltage $U_{o\text{ nom}}$	AC 12 / 24 V
Nominal output current $I_{o\text{ nom}}$	5.2 A (115 VAC); 2.6 A (230 VAC)
Overload behavior	Safety fuse in the primary circuit

#### Efficiency/power losses

Power loss $P_l$	$\leq 0.8$ W
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#### Circuit protection

Internal fuse	T 2 A / 250 VAC; T 1.6 A / 250 VAC
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#### Safety and protection

Isolation voltage (AC)	AC 4.2 kV
Protection class	II
Protection type	IP20; per EN 60529
Overvoltage category	III
Pollution degree	2
Short-circuit-protected	Yes
Open-circuit-proof	Yes
Parallel operation	No
Series operation	Yes (with identical power supply)

#### Connection data

Connection type 1	Input/Output
Connection technology	CAGE CLAMP®

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



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	5 ... 6 mm / 0.2 ... 0.24 inches

### Physical data

Width	144 mm / 5.669 inches
Height	90 mm / 3.543 inches
Depth from upper-edge of DIN-rail	54 mm / 2.126 inches

### Mechanical Data

Housing design	DIN-rail-mount enclosure
Mounting type	DIN-35 rail

### Material Data

Weight	1200 g
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### Environmental requirements

Ambient temperature (operation)	-25 ... +55 °C
Ambient temperature (storage)	-25 ... +85 °C
Relative humidity	90%
Climatic category	3K3 (per EN 60721; except for low air pressure)

### Standards and specifications

Conformity marking	CE
Standards/specifications	UL 5085 EN 61558-2-6

### Commercial data

eCl@ss 10.0	27-04-07-03
eCl@ss 9.0	27-04-07-03
ETIM 8.0	EC002541
ETIM 7.0	EC002541
Recupel Type	
PU (SPU)	1 pcs
Packaging type	box

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



Country of origin	CN
GTIN	4055143487399
Customs tariff number	85043129900

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
SCIP notification number (Bulgaria)	36f2e601-e1fa-4685-aae5-a2cf8816205d
SCIP notification number (Czech Republic)	bb350a9e-0166-4369-bbaf-2507f6407afe

**Approvals / Certificates****General approvals**

Logo	Approval	Additional Approval Text	Certificate name
	<b>EAC</b> Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02.B.00122/19
	<b>UL</b> Underwriters Laboratories Inc.	UL 5085-1/-2	E488057

**Declarations of conformity and manufacturer's declarations**

Logo	Approval	Additional Approval Text	Certificate name
	<b>EU-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-

**Optional accessories****Tool**

Operating tool	<b>Item no.: 210-720</b> Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	<a href="http://www.wago.com/210-720">www.wago.com/210-720</a>
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**Marking accessories**

Marking strip	<b>Item no.: 210-831</b> Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white	<a href="http://www.wago.com/210-831">www.wago.com/210-831</a>
	<b>Item no.: 210-832</b> Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white	<a href="http://www.wago.com/210-832">www.wago.com/210-832</a>

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



## Downloads Documentation

### Bid Text

787-976 X81 - Datei	2019 年2月19 日	xml 5.0 kB	Download
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787-976 doc - Datei	2016 年11月24 日	doc 33.8 kB	Download
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### Instruction Leaflet

Sicherheitstransformator 63 VA	V 1.1.0	pdf 2.3 MB	Download
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### Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 年8月18 日	pdf 2.2 MB	Download
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## CAD/CAE-Data

### CAE data

EPLAN Data Portal 787-976	URL	Download
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ZUKEN Portal 787-976	URL	Download
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### CAD data

2D/3D Models 787-976	URL	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 787-976 Transformer power supply; Input voltage: 230 VAC; Output voltage: 12 ... 24 VAC; Output power: 63 VA	URL	Download
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## Installation Notes

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