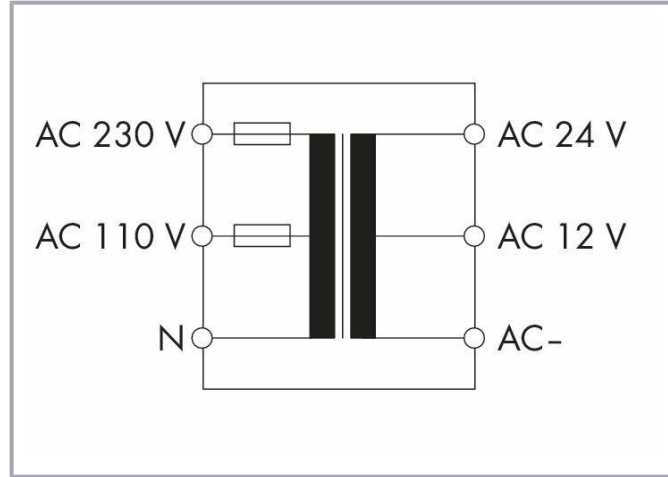


## Data sheet | Item number: 787-974

Transformer power supply; Input voltage: 230 VAC; Output voltage: 12 ... 24 VAC; Output power: 40 VA



[www.wago.com/787-974](http://www.wago.com/787-974)



### 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 45 VA for 1 min/h

### 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
--	--------------

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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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Nominal output current $I_{o\text{ nom}}$	3.3 A (115 VAC); 1.67 A (230 VAC)
---	-----------------------------------

Overload behavior	Safety fuse in the primary circuit
-------------------	------------------------------------

### Efficiency/power losses

Power loss $P_l$	$\leq 0.6$ W
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### Circuit protection

Internal fuse	T 1.25 A / 250 VAC; T 0.63 A / 250 VAC
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### Safety and protection

Isolation voltage (AC)	AC 4.2 kV
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Protection class	II
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Protection type	IP20; per EN 60529
-----------------	--------------------

Overvoltage category	III
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Pollution degree	2
------------------	---

Short-circuit-protected	Yes
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Open-circuit-proof	Yes
--------------------	-----

Parallel operation	No
--------------------	----

Series operation	Yes (with identical power supply)
------------------	-----------------------------------

### Connection data

Connection type 1	Input/Output
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Connection technology	CAGE CLAMP®
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WAGO connector	WAGO 236 Series
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Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
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Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
-------------------------	--

Strip length	5 ... 6 mm / 0.2 ... 0.24 inches
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### Physical data

Width	126 mm / 4.961 inches
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Height	90 mm / 3.543 inches
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Depth from upper-edge of DIN-rail	54 mm / 2.126 inches
-----------------------------------	----------------------

### Mechanical Data

Mounting type	DIN-35 rail
---------------	-------------

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## Material Data

Fire load	0.119 MJ
Weight	955.6 g

## Environmental requirements

Ambient temperature (operation)	-25 ... +55 °C
Ambient temperature (storage)	-25 ... +85 °C
Relative humidity	90%

## 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
PU (SPU)	1 pcs
Packaging type	box
Country of origin	CN
GTIN	4055143487382
Customs tariff number	85043129900

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
SCIP notification number (Bulgaria)	350022b7-821c-488d-b8da-6d408234a641
SCIP notification number (Czech Republic)	8dfb2390-60c8-4ede-8228-194d177967db

## 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.


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

B.00122  
/19UL  
Underwriters Laboratories Inc.

UL 5085-1/-2

E488057

## Declarations of conformity and manufacturer's declarations

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

## Optional accessories

## Tool

Operating tool



Item no.: 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)

## Marking accessories

Marking strip



Item no.: 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)

Item no.: 210-832

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

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

## Downloads

## Documentation

## Bid Text

787-974 X81 - Datei	2019 Feb 19	xml 5.0 kB	Download
787-974 doc - Datei	2016 Nov 24	doc 33.3 kB	Download

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

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### Instruction Leaflet

Sicherheitstransformator 40 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 Aug 18	pdf 2.2 MB	Download
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### CAD/CAE-Data

#### CAE data

EPLAN Data Portal 787-974	URL	Download
ZUKEN Portal 787-974	URL	Download

#### CAD data

2D/3D Models 787-974	URL	Download
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### Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 787-974 Transformer power supply; Input voltage: 230 VAC; Output voltage: 12 ... 24 VAC; Output power: 40 VA	URL	Download
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### Installation Notes

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