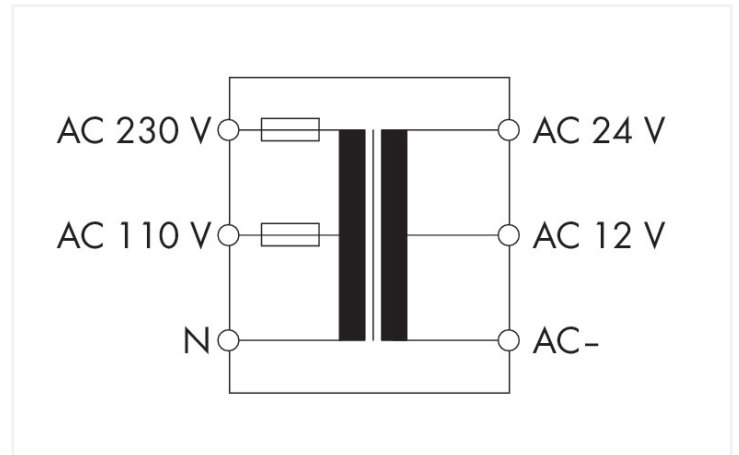


## Data Sheet | Item Number: 787-974

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

<https://www.wago.com/787-974>



### 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

### Technical data

Input		Output	
Phases	1	Nominal output voltage $U_{o\ nom}$	AC 12 / 24 V
Nominal input voltage $U_{i\ nom}$	1 x AC 115 V; AC 230 V	Nominal output current $I_{o\ nom}$	3.3 A (115 VAC); 1.67 A (230 VAC)
Input voltage range	1 x AC 0 ... 230 V	Load regulation	≤ 5 %
Nominal mains frequency range	50 ... 60 Hz	Overload behavior	Safety fuse in the primary circuit
Efficiency/power losses		Circuit protection	
Power loss $P_I$	≤ 0.6 W	Internal fuse	T 1.25 A / 250 VAC; T 0.63 A / 250 VAC

### 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®
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	126 mm / 4.961 inches
Height	90 mm / 3.543 inches
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** **Declarations of conformity and manufacturer's declarations**



Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02. B.00122/19
UL Underwriters Laboratories Inc.	UL 5085-1/-2	E488057

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

**Downloads**

**Environmental Product Compliance**

Compliance Search
Environmental Product Compliance 787-974 <a href="#">↓</a>

**Documentation**

Bid Text			
787-974	19.02.2019	xml 4.89 KB	<a href="#">↓</a>
787-974	24.11.2016	doc 32.50 KB	<a href="#">↓</a>

Instruction Leaflet			
Sicherheitstransformator	V 1.1.0	pdf 2287.75 KB	<a href="#">↓</a>

**CAD/CAE-Data**

CAD data
2D/3D Models 787-974 <a href="#">↓</a>

CAE data
EPLAN Data Portal 787-974 <a href="#">↓</a>
ZUKEN Portal 787-974 <a href="#">↓</a>

**1 Compatible Products**

**1.1 Optional Accessories**

**1.1.1 Marking**

### 1.1.1.1 Marking strip



**Item No.: 210-831**

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



**Item No.: 210-832**

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

### 1.1.2 Tool

#### 1.1.2.1 Operating tool



**Item No.: 210-720**

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