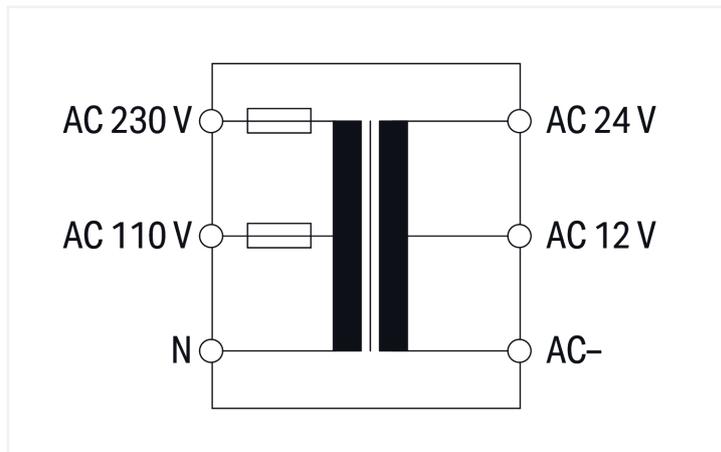


## Data Sheet | Item Number: 787-974

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

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

#### Output

Nominal output voltage $U_{o, \text{nom}}$	12 / 24 VAC
Nominal output current $I_{o, \text{nom}}$	3.3 A (12 VAC); 1.67 A (24 VAC)
Nominal output power	40 VA
Load regulation	$\leq 5 \%$
Overload behavior	Safety fuse in the primary circuit

#### Efficiency/power losses

Power loss $P_1$	$\leq 0.6 \text{ W}$
------------------	----------------------

#### Circuit protection

Internal fuse	T 1.25 A / 250 VAC; T 0.63 A / 250 VAC
---------------	--

### Safety and protection

Isolation voltage (AC)	4.2 kVAC
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 1

Connection type	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

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

## 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 %
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

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

Product Classification	
UNSPSC	39121004
eCl@ss 10.0	27-04-07-03
eCl@ss 9.0	27-04-07-03
ETIM 9.0	EC002541
ETIM 8.0	EC002541
ECCN	NO US CLASSIFICATION

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	Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03078	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UL Underwriters Laboratories Inc.	UL 5085-1/-2	E488057			

### Downloads

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

### Documentation

Bid Text				Instruction Leaflet			
787-974	19.02.2019	xml 4.89 KB	<a href="#">↓</a>	Sicherheitstransforma- tor	V 1.1.0	pdf 2287.75 KB	<a href="#">↓</a>
787-974	24.11.2016	doc 32.50 KB	<a href="#">↓</a>				

## CAD/CAE-Data

### CAD data

2D/3D Models 787-974



### CAE data

EPLAN Data Portal  
787-974



ZUKEN Portal 787-974



## 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