

## Data sheet | Item number: 787-980

Radio interference suppression filter, 1-phase; Radio interference suppression filter

[www.wago.com/787-980](http://www.wago.com/787-980)



### Item description

#### Features:

- Suppresses interference generated on the mains side of power supplies and electronic devices
- Fulfills general requirements
- Provides a single-stage filter solution
- Efficiently filters out line-bound interference emissions
- Increases the interference immunity of connected loads

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 250 V
Input voltage range	1 x AC 0 ... 250 V
Nominal mains frequency range	50 ... 60 Hz
Input current $I_i$	$\leq 10$ A

#### Efficiency/power losses

Power loss $P_i$	$\leq 4$ W
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#### Safety and protection

Protection class	I
Protection type	IP20; per EN 60529
Pollution degree	2
Series operation	No

#### Connection data

Connection type 1	L1, N
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 741 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
Connection type 2	PE
Connection technology 2	Flat connector (6.3 x 0.8 mm)

#### Physical data

Width	50 mm / 1.969 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	100 mm / 3.937 inches

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## Mechanical Data

Mounting type	DIN-35 rail
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## Material Data

Weight	340 g
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## Environmental requirements

Ambient temperature (operation)	-25 ... +70 °C (Device starts at -40 °C (type-tested))
Derating	-2.5 %/K (> 45 °C)
Climatic category	25/085/21 (per EN 60068-1)

## Standards and specifications

Conformity marking	CE
Standards/specifications	DIN EN 60939-2 DNV

## Commercial data

eCl@ss 10.0	27-42-02-90
eCl@ss 9.0	27-42-02-90
ETIM 8.0	EC002564
ETIM 7.0	EC002564
PU (SPU)	1 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4055143364515
Customs tariff number	85045000900

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	RU_C-DE. AM02.B.

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## Optional accessories

### Marking accessories

#### Marking strip

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)

### 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)

## Downloads

### Documentation

#### Bid Text

787-980 X81 - Datei	2019 年2月19 日	xml 4.6 kB	Download
787-980 doc - Datei	2018 年1月2 日	doc 29.7 kB	Download

#### 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 787-980		URL	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 787-980 Radio interference suppression filter, 1-phase; Radio interference suppression filter		URL	Download
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## Installation Notes

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