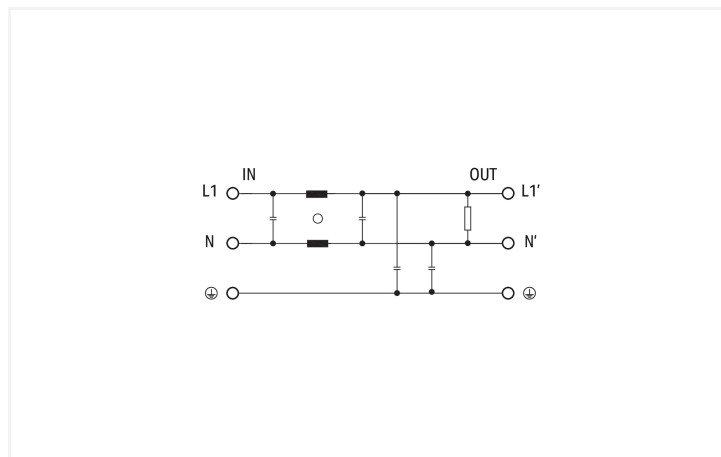


Data Sheet | Item Number: 787-980

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

<https://www.wago.com/787-980>



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

Technical data

Input		Efficiency/Power Losses	
Phases	1	Power loss P_I	≤ 4 W
Nominal input voltage $U_{I\text{nom}}$	1 x 250 VAC		
Input voltage range	1 x 0 ... 250 VAC		
Nominal mains frequency range	50 ... 60 Hz		
Input current I_i	≤ 10 A		
Discharge current	≤ 8 mA		

Safety and protection

Isolation voltage (connectors – housing)	2.7 kVDC
Protection class	I
Protection type	IP20; per EN 60529
Pollution degree	2
Parallel operation	Yes
Series operation	No

Connection Data

Connection 1

Connection type	L1, N
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 741 Series
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches

Connection 2

Connection type	PE
Connection technology	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

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

PU (SPU)	1 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143364515
Customs tariff number	8504500000

Product Classification

UNSPSC	39121610
eCl@ss 10.0	27-42-02-90
eCl@ss 9.0	27-42-02-90
ETIM 9.0	EC002564
ETIM 10.0	EC002564
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status Compliant, No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03081

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 787-980	↓
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Documentation

Bid Text

787-980	19.02.2019	xml 4.53 KB	↓
787-980	02.01.2018	doc 29.00 KB	↓

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 787-980 ↓	EPLAN Data Portal 787-980 ↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Marking

1.1.1.1 Marking strip



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