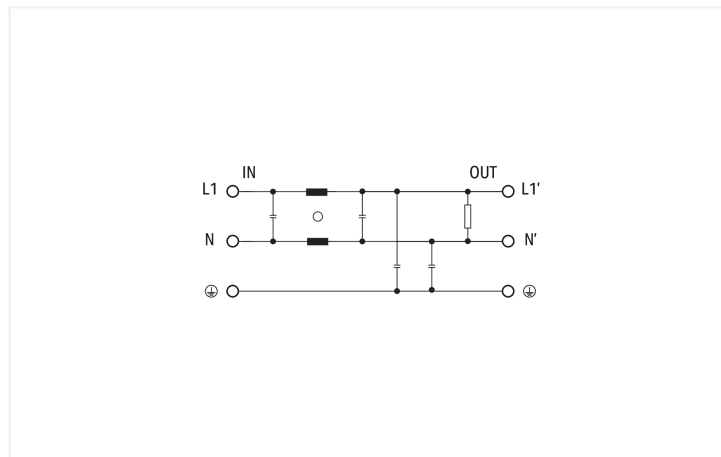


Data Sheet | Item Number: 787-980

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 | |
|---|-------------------|
| Phases | 1 |
| 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 |

| Efficiency/Power Losses | |
|-------------------------|------------|
| Power loss P_i | ≤ 4 W |

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 |
|---------------|-------------|

Material data

| | |
|-----------|-------|
| Fire load | 0 MJ |
| Weight | 340 g |

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 ↓ |

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 |
|--|
| 2D/3D Models 787-980 ↓ |

| CAE data |
|---|
| 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