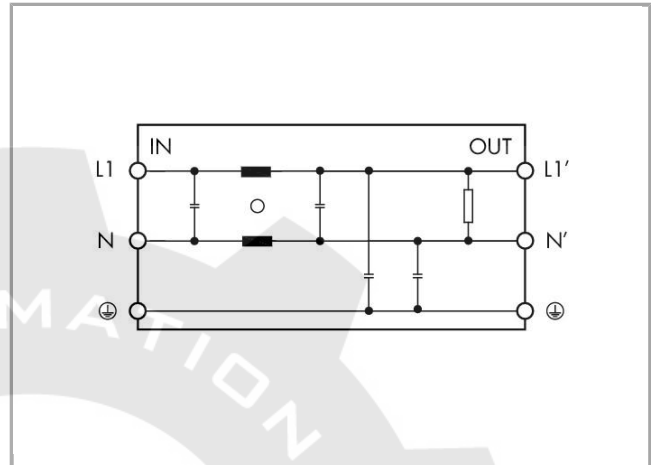


Data sheet | Item number: 787-980

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

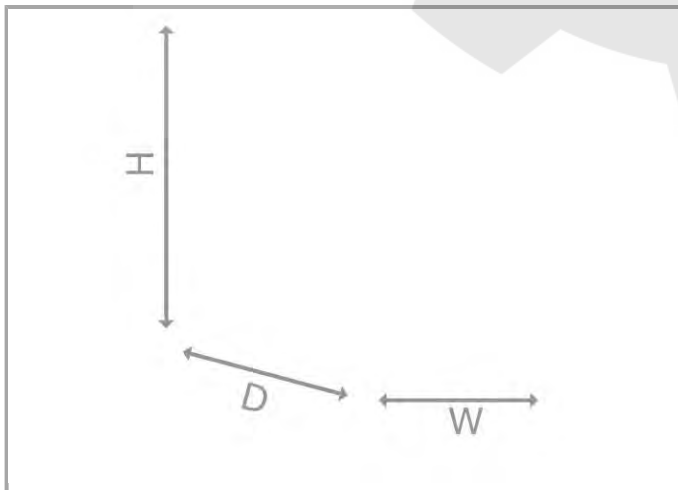


787-980



RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)



Item description

Features:

- Radio interference suppression filter for mains-side interference suppression of power supplies and electronic devices
- For general requirements
- Provides a single-stage filter solution
- Efficiently filters out line-bound interference emissions
- Increases the interference immunity of connected loads

Data

Technical Data

Input

Phases	1
Nominal input voltage $U_{i\text{nom}}$	AC 250 V
Input voltage range	AC 0 250 V
Nominal mains frequency range	50 60 Hz
Input current I_i	≤ 10 A
Discharge current	≤ 8 mA

Efficiency/Power losses:

Power loss P_v	≤ 4 W
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Safety and protection:

Insulation voltage (connectors-housing)	DC 2.7 kV
Protection class	I
Protection class	IP20 (per EN 60529)
Series connection	No

Connection data

Connection type (1)	L1, N
Connection technology	CAGE CLAMP®
WAGO terminal	WAGO 741 Series
Solid conductor	0.08 2.5 mm² / 28 12 AWG
Fine-stranded conductor	0.08 2.5 mm² / 28 12 AWG
Strip length	5 6 mm / 0.2 0.24 inch
Connection type (2)	PE
Connection technology 2	6.3 x 0.8 mm tab connector

Geometrical Data

Width	50 mm / 1.969 inch
Height	85 mm / 3.346 inch
Length from upper-edge of DIN-35 rail	100 mm / 3.937 inch

Mechanical data

Type of mounting	DIN-35 rail (EN 60715)
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Material Data

Weight	340 g
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Environmental Requirements

Surrounding air (operating) temperature	-25 70 °C (Device start at -40 °C type-tested)
Derating	-2.5 %/K (> 45 °C)
Pollution degree	2
Climatic category	25/085/21 (per EN 60068-1)

Standards and specifications

Conformity marking	CE
Standards/specifications	DIN EN 60939-2

Commercial data

Country of origin	DE
GTIN	4055143364515
Customs Tariff No.	85045095900

Compatible products

tools



Item no.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft

210-720

ferrule



Item no.: 216-201
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white

216-201



Item no.: 216-202
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

216-202

Item no.: 216-203

	Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red	216-203
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black	216-204
	Item no.: 216-221 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white	216-221
	Item no.: 216-222 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	216-222
	Item no.: 216-223 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red	216-223
	Item no.: 216-224 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black	216-224
	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	216-241
	Item no.: 216-242 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	216-242
	Item no.: 216-243 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	216-243
	Item no.: 216-244 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	216-244
	Item no.: 216-262 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	216-262
	Item no.: 216-263 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	216-263
	Item no.: 216-264 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	216-264
	Item no.: 216-284 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	216-284
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow	216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; green	216-302
	Item no.: 216-321 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow	216-321
	Item no.: 216-322 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; green	216-322

Marking accessories



Item no.: 210-832
Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

210-832

Downloads
Documentation

Bid Text

787-980	doc	Download
Funkentstörfilter	29.7 kB	

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf	Download
		265.8 kB	

CAD/CAE - Smart Data

EPLAN

EPLAN Data Portal	Download
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Subject to changes.