WAVESERIES
WAVEFILTER 10A

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Simple radio noise suppression in the cabinet thanks to WAVEFILTER

The WAVEFILTER series eliminates the need for time-consuming bolting processes of mains filters. The filters are snapped onto TS 35 and connected to the device whose noise is to be suppressed. The two-stage, 22.5 mm wide WAVEFILTER, in 1 A, 3 A, 6 A and 10 A versions, offers high attenuation at all voltage levels from 5 V, 12 V, 24 V, 48 V, 60 V, 120 V up to 250 V.

General ordering data

Available until	2019-03-31
Type	WAVEFILTER 10A
Order No.	8614770000
Version	WAVESERIES, Surge protection, Surge protection, Attenuation at 100 MHz: 40 dB
GTIN (EAN)	4032248277032
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	22.5 mm	Width (inches)	0.886 inch
Height	73.4 mm	Height (inches)	2.89 inch
Depth	73.4 mm	Depth (inches)	2.89 inch
Net weight	142.12 g		

Temperatures

Operating temperature, max.	40 °C	Operating temperature, min.	-20 °C
Storage temperature, max.	55 °C	Storage temperature, min.	-25 °C
Operating temperature	-20 °C...40 °C	Storage temperature	-25 °C...55 °C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Rated data UL

Certificate No. (cURus)	E64388

General data

Colour	beige	Design	Wave 22.5 L
Height with TS 35	112.4 mm	Protection degree	IP20
Rail	TS 35	Segment	Power distribution
Version	Surge protection		

Insulation coordination acc. to EN 50178

Pollution severity	2	Surge voltage category	III

Rated data IEC / EN

Attenuation at 0.15 MHz	< 0.5 dB	Attenuation at 1 MHz	70 dB
Attenuation at 10 MHz	52 dB	Attenuation at 100 MHz	40 dB
Capacitance	C_x: 470 nF / C_{and} : 4.7 nF	Fuse	10A
Inductance L and L1	0.8 mH	Leakage current at U_n	190 µA
Rated current I_N	10 A	Rated voltage (AC)	250 V
Rated voltage (DC)	250 V	Test voltage P-N	1700 V DC
Test voltage P/N-PE	2000 V AC	Voltage type	AC/DC

Connection data

Cross-section	2.5 mm²	Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.6 Nm	Clamping range, rated connection	2.5 mm²
Clamping range, min.	0.5 mm²	Clamping range, max.	2.5 mm²
Wire connection cross-section, finely stranded, min.	0.5 mm²	Wire connection cross section, finely stranded, max.	2.5 mm²
Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm²	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm²

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Classifications

ETIM 3.0	EC000943	ETIM 4.0	EC000943
ETIM 5.0	EC000943	ETIM 6.0	EC002623
UNSPSC	30-21-18-01	eClass 5.1	27-26-03-01
eClass 6.2	27-26-03-90	eClass 7.1	27-26-03-90
eClass 8.1	27-26-03-90	eClass 9.0	27-18-28-14
eClass 9.1	27-42-02-08		

Approvals

Approvals	
ROHS	Conform

Downloads

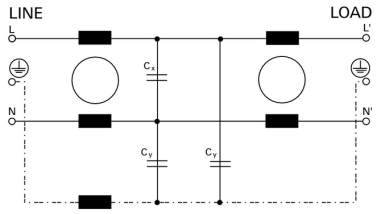
Approval/Certificate/Document of Conformity	Declaration of Conformity Declaration of Conformity
Brochure/Catalogue	CAT 4.4 ELECTR 16/17 EN
Engineering Data	EPLAN, WSCAD
User Documentation	Operating instructions

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Drawings

Electric symbol



Circuit diagram

