

Single-phase interference suppression filters, type TZS

FV series

Description:

Low pass filter is created by combination of inductance L and condensers C. The low pass filter restricts radio frequency interference which is spread back to a feed array and also it increases interference resistance of the device coming from this feed array. Thanks to that a device life is prolonged.



TECHNICAL PARAMETERS:

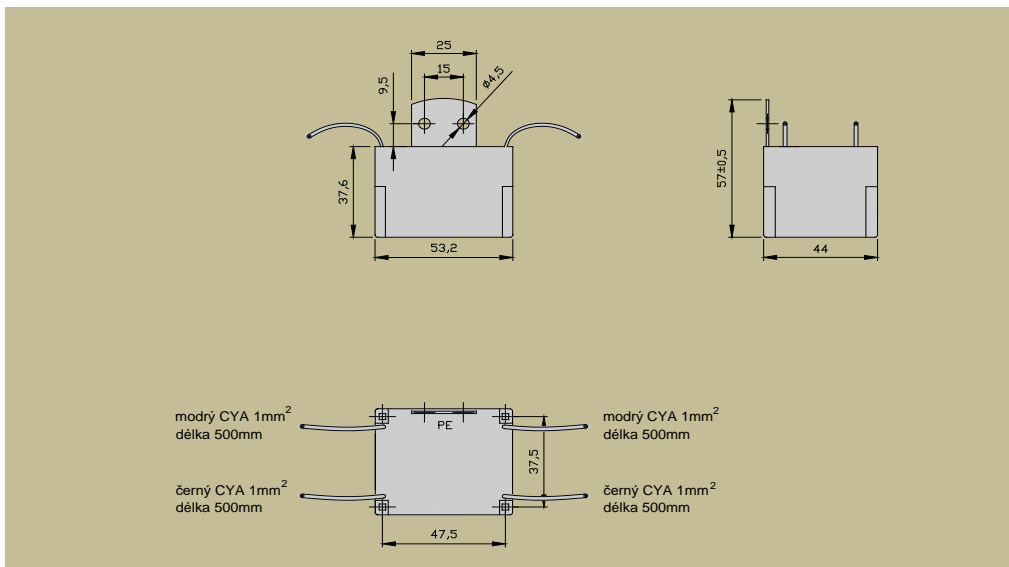
Nominal operating voltage	Un: 230Vac
Extent of operating frequencies fn (for In)	Fn: 50-60 Hz
Extent of operating currents	In: 10A
Short-term overcurrent capacity : 50% In	
Thermal class : B	
Protection class : IP54	
Extent of operating temperature : -10°C + 40°C	

Type	Nominal current [A]	Leakage current 1*) [mA]	Weight [kg]	Conductor cross section	basic dimensions [mm]					
					A	B	C	D	E	F
					length	height	width	pitch	pitch	other
SKY1FV10	10	< 0,75	0,2	1	53	57	44	47	38	-

* After a deal there is a possibility of modification of the filter construction according to the customer's request.

1*) Leakage current measurement was performed according to the standard ČSN EN 60950.

Dimensional drawing:



Attenuation characteristic:

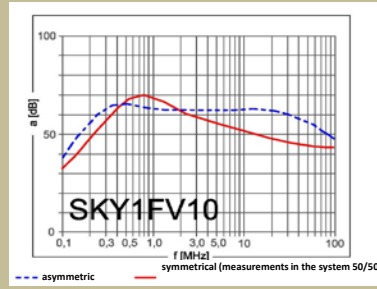
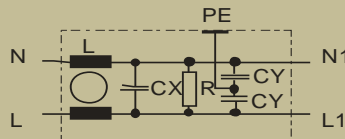


Diagram:



Use:

The interference suppression filter **SKY1FV10** is intended for vacuum cleaners with thyristor rpm regulation. Connecting of individual passive components of the filter is chosen so that the frequency changer fulfils limits for V-terminal voltage in residential premises.