

## Single-phase interference suppression filters, type TZS

### P series

#### Description:

**SKY1FL10P** is a radio frequency single-phase interference suppression filter with high attenuation. Low pass filter is created by multiple 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:

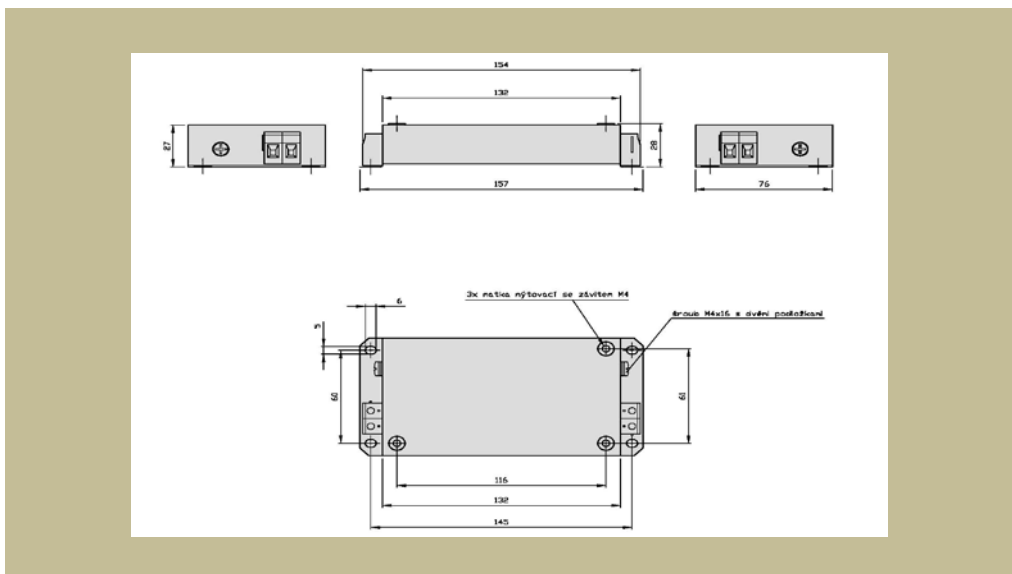
Nominal operating voltage	Un: 230Vac
Extent of operating frequencies $f_n$ (for In)	Fn: 50-60 Hz
Extent of operating currents	In: 10A
Short-term overcurrent capacity : 50% In	
Thermal class : B	
Protection class : IP20	
Extent of operating temperature : -10°C + 40°C	

Type	Nominal current [A]	Leakage current 1*) [mA]	Weight [kg]	Conductor cross section [mm <sup>2</sup> ]	basic dimensions [mm]					
					A	B	C	D	E	F
					length	height	width	pitch	pitch	other
<b>SKY1FL10P</b>	10	< 14	0,5	4-6	157	27	76	154	60	-

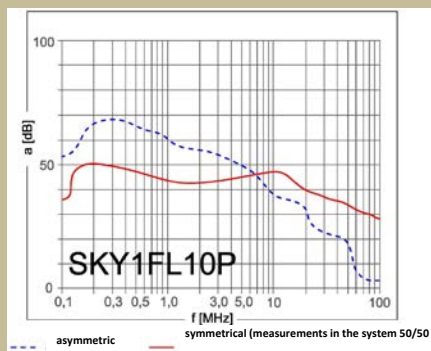
\* After a deal there is a possibility of modification of the filter construction according to the customer's request.

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

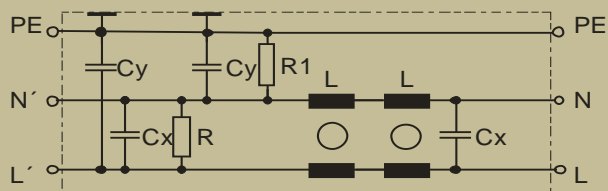
#### Dimensional drawing:



**Attenuation characteristic:**



**Diagram:**



**Use:**

The interference suppression filter **SKY1FL10P** is intended under a frequency changer. Wiring of individual passive components of the filter is chosen so that the frequency changer fulfils limits for V-terminal voltage in residential premises with **SKY1FL10P**.